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RARE VASCULAR PLANTS IN CANADA

OUR NATURAL HERITAGE

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and

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INTRODUCTION

Canada is a vast country covering over 10,000,000 sq km, extending from the Atlantic to the Pacific and from the Arctic Islands to the Great Lakes. Our awareness, indeed awe, of this gigantic scale has provided our society with a mythology of limitless resources. This is especially true of the natural vegetation that seems to be everywhere. Even in the most densely populated places one is not far from being able to see what appears to be natural vegetation. The need for concern about the loss of our native vegetation, an essential part of our biological diversity, has been mitigated by this subconscious impression of never-ending abundance. If natural vegetation was destroyed in one place, there seems to be an underlying assumption that there was more of it somewhere else. As individuals we know this is not true, but as a society we act as though it were. Throughout our history the perceived need to eliminate natural vegetation for living space, economic development, and protection against hostile forces, has far outstripped our awareness of a need for its preservation.

The European settlement of Canada was concentrated largely at sea ports, along the river systems that provided transportation, and on the fertile lands along its southern border. This pattern has changed little in 300 years and today about 70% of the Canadian population is located within a band 100 km wide along the border with the contiguous United States. This concentration of population in southernmost Canada is significant for two reasons.

Firstly, the concentration of human activity in this narrow zone has had a devastating effect on the natural vegetation. The forests, both in the east and west, were long ago cut for timber. This activity, apparently, did not lead to the widespread loss of species, but it did result in a drastic reduction in the size and extent of species populations. In southwestern Ontario, urbanization and agriculture have come to dominate a land once clothed by rich Carolinian forests. The shores of the St. Lawrence River in Quebec and Ontario have been drastically modified by the St. Lawrence Seaway, urbanization, agriculture, and pollution. In southern Manitoba and eastern Saskatchewan, only remnants of the tall-grass prairie remain and the mid-grass prairie that once dominated the clay soils in south-central Saskatchewan have been mostly replaced by agriculture. Settlements in and surrounding the ports of Halifax and Vancouver also have had dramatic impacts on the surrounding natural vegetation.

Secondly, the Canada - United States border cuts through the northern edge of four major North American floristic provinces (Fig. 1). The

FIG. 1. Map of selected floristic provinces in North America. The large number of rare plants along Canada's southern border is a result of the fact that the Canada - United States border cuts off the northern end of several floristic provinces.
Key:
Coastal Plain Province
Eastern Deciduous Forest Province
Grassland Province
Tall-grass Prairie
Bunch-grass Prairie
Cordilleran Forest Province
Coastal Forest
Map based on Gleason & Cronquist (1964), Risser et al. (1981), Rowe (1972), and Küchler (1964).

Coastal Plain Province is represented in Nova Scotia, New Brunswick, Prince Edward Island,and the Magdalen Islands of Quebec by a number of disjunct species. The Eastern Deciduous Forest Province extends into southwesternmost Ontario as the Carolinian Forest Zone. The Grassland Province as a whole extends only into the southernmost portion of the Canadian Prairie Provinces, but two of its elements have an even more restricted range in Canada. The tall-grass, or true prairie, barely reaches southcentral Manitoba and the bunch-grass prairie is limited to a slender arc in southeastern Alberta and adjacent Saskatchewan with an incursion into southcentral British Columbia. The coastal forest zone of the Cordilleran Forest Province is limited to coastal British Columbia.

As a consequence of the Canada - United States border cutting off the northern ends of these floristic provinces there are a large number of plant taxa that have a relatively small range in Canada and are therefore regarded as nationally rare. When this is correlated with the relatively dense concentration of human populations, with its attendant effects, it is easy to see that the parts of Canada that are most significant for their unique biological diversity are also those areas most disturbed by urbanization, industrialization, agriculture, and forestry. It is in these regions that we most desperately need habitat preservation. In some cases there is very little indigenous vegetation left, and it is, therefore, all the more important to preserve what remains.

The purpose of this list is to promote an awareness of rare plants in Canada's flora. We are focusing on rare plants not simply to encourage the preservation of individual species, but rather to emphasize the need to preserve what is left of their essential habitats and ecosystems. We support Rowe (1988) who wrote, "... preserving a rare plant population in any but a temporary sense means preserving the rare ecosystem of which it is one component among many of equal importance." Endangered species acts, such as have been enacted by Ontario and New Brunswick, are useful instruments to help protect some species from extinction or extirpation; but it is far more important to put into place programs that will establish a comprehensive system of ecological reserves that will protect natural habitats as well as their component species. We hope that by calling attention to plants at risk in Canada we will be furthering the conservation of natural habitats as well as biological diversity.

Background

In June 1973 the Subcommittee on Rare and Endangered Species in the Canadian Flora was formed by the Systematics and Phytogeography Section of the Canadian Botanical Association. The members of this subcommittee, and their affiliations at the time, were: George W. Argus (National Museum of Natural Sciences), Paul M. Catling (University of Toronto), Albert Legault (Université de Sherbrooke), Chris Marchant (University of British Columbia), and John K. Morton (University of Waterloo), chairman. The Subcommittee met in Ottawa in October 1973 to develop a strategy for the compilation of a list of rare and endangered plants for Canada.

The National Museum of Natural Sciences, earlier in 1973, had already initiated an independent attempt to compile a national list of rare plants by enlisting the cooperation of botanists across Canada. A data form was designed to collect information on species distribution, biology, ecology, and actual or potential threats to Canadian species. Work on a national list continued to be done, in cooperation with the CBA Subcommittee, until late 1974 when it became evident that the gathering of data in this way was too cumbersome. Those of us at the National Museum decided that it would be more productive to study the rare flora of smaller geographical units and to do the work with a smaller group of botanists.

John Morton, assisted by Linda Kershaw, continued with the original Canadian Botanical Association Subcommittee plan to compile a national list of Canadian rare plants. This work was done as a thesis (Kershaw 1976) on rare and endangered plants in Canada. It included a computerized list of more than 1400 taxa rare in Canada. A list containing 442 of these taxa was published later (Kershaw & Morton 1976). The short list included three categories: (1) rare Canadian endemics, (2) rare Canadian plants

TABLE 1

Source Documents on Rare Vascular Plants in Canada

Alberta: Argus & White 1978, Packer & Bradley 1984
British Columbia: Straley et al. 1985
Manitoba: White & Johnson 1980
New Brunswick: Hinds 1983
Newfoundland *(Island):* Bouchard et al. 1987; *(Labrador):* Argus & Scott 1976
Nova Scotia: Maher et al. 1978
Northwest Territories: Cody 1979, Argus & Pryer 1988
Ontario: Argus et al. 1982-1987, Argus & White 1982, 1983, Argus & Keddy 1984, Pryer & Argus 1987
Prince Edward Island: Catling 1987
Quebec: Bouchard et al. 1983
Saskatchewan: Maher et al. 1979
Yukon: Douglas et al. 1981

that occur also in the United States, but that are rare in both countries, and (3) significant Canadian long-range disjuncts. Over 950 rare Canadian taxa, which had their main ranges outside of Canada, were not included. Kershaw's computerized database has been maintained at the University of Waterloo (Kershaw, Morton, & Venn 1976). The 1976 list of Kershaw and Morton was a valiant attempt to stimulate discussion and further work. As it turned out, the knowledge on which the list was based was too incomplete and it failed to attract wide support. Thousands of specimens needed to be examined and hundreds of species mapped before a comprehensive national list could be compiled.

The decision by the National Museum of Natural Sciences to prepare its own rare plant inventories of the provinces and territories rather than to continue work on a single national list was based only in part on the magnitude of the task. Other considerations were the greater availablity of information and expertise at the regional level. Of most importance, however, was the fact that in Canada, plants are a provincial responsibility. Only in the territories is the flora under federal jurisdiction. Therefore, if legislation were to be enacted to protect rare plants and their habitats, it would have to originate with the provinces. For this purpose, governments would require information not only about plants that are rare and endangered nationally, but also about plants that may be rare only in that province but common elsewhere.

The literature that has emerged during the past fifteen years on rare plants in Canada reflects the increasing recognition of their importance. Papers have been written on the significance of rare and endangered plants (Argus 1976, Bouchard et al. 1980, Brouillet 1985, Kershaw 1976, Morton 1976). Lists of rare plants have become available for most provinces and territories (Table 1). The rare plants in some provincial and national parks have been identified (Couillard 1987, Lindsay 1982, Morisset 1983, Reznicek 1983, Bouchard et al. 1986, Wallis 1987), and plans for the management of some rare plant populations have been proposed (Bremner & Norris 1984). Scientific studies on the biology, ecology, and phytogeography of some rare plants have been published (Bouchard et al. 1985, Gawler et al. 1987, Keddy & Keddy 1984c, Keddy & Reznicek 1982, Loveless & Hamrick 1988, Macior 1980). These examples are only a sampling of the extensive literature on rare plants that has become available during the past few years.

In 1976 the Federal-Provincial Wildlife Conference formed the Committee on the Status of Endangered Wildlife in Canada (Cook

& Muir 1984, Haber 1986). The mandate of this committee was to prepare status reports on species at risk and to report annually to the Conference on the status of these species. Their efforts have not yet resulted in a dramatic breakthrough in plant conservation in Canada, but the importance of conserving rare species is no longer questioned. Rare plants are now beginning to be considered in land planning and management. Some parks and ecological reserves have been established to preserve the habitats of certain rare species, and management programs are being instituted to ensure that rare species are not placed at risk. All provinces have legislation that either may be used to protect individual species or that may be used to protect their habitats (Argus 1977, Maurer 1985). In July 1988 the first of the Natural Heritage inventories in Canada was established in Quebec by The Nature Conservancy of Canada.

From the onset of work on Canadian rare plants at the National Museum of Natural Sciences, there have always been two objectives. The first was to prepare lists of the rare, and therefore potentially threatened, plants of each of the provinces and territories. The second was to use this information as a working base for the eventual compilation of a national list of rare plants. In January 1986 we decided that the time was ripe to compile a national list of Canadian rare plants. The final part of the *Atlas of the rare vascular plants of Ontario* was nearing completion and lists for most of the other provinces were complete (Table 1). Only Newfoundland, the Franklin District of the Northwest Territories, and Prince Edward Island were without published lists. At this time, however, a list for Newfoundland (Island) was being compiled at the University of Montreal (Bouchard et al. 1987), a draft list for Prince Edward Island had been completed by Agriculture Canada (Catling 1987), and a list for the entire Northwest Territories (Argus & Pryer 1988) was started by the National Museum of Natural Sciences. As work continued on these unpublished provincial and territorial lists, we were able to direct our attention toward national goals.

Criteria

The most important criterion that we used to include a taxon on the national list was simply that it must be rare in each of the provinces and/or territories in which it occurred. In most cases, the evidence for its rarity in the provinces and territories was its inclusion on the relevant lists in Table 1. The listing of a taxon on a published list was taken as prima-facie evidence of its rarity in that jurisdiction. If there was convincing evidence, however, to suggest that a taxa was no longer rare in a particular province or territory, it was removed from consideration. On the other hand, a number of taxa are included on our national list that did not appear on previously published lists. These taxa were judged to be rare based on information in recent monographs or articles, or information communicated to us by letter.

Our concept of rarity is based on geographic and demographic criteria that interact with each other. A rare taxon is one that occurs in a limited area and/or in low numbers. Because these criteria vary continuously, their application is subjective even though the information on plant distribution and population size itself may be objective. In most cases, information on population size is unavailable or scanty, and so the main criterion used for the inclusion of a taxon on the list was its occurrence in a small geographical area. The size of geographical area that was regarded as "small" varied somewhat from list to list. In Ontario, a region such as that south of a line between the southern tip of Lake Huron and the western end of Lake Ontario, or the shore of Hudson Bay or James Bay, but not both, was regarded as small. In Quebec, a limit of 15 to 20 known occurrences was used to determine rarity. In New Brunswick, no listed taxon was known from more than seven occurrences. Because rarity for the national list was determined using information from a large number of lists, written by different authors, one would expect wide variability in the application of the concept of rarity. There was, however, a suprisingly high degree of consistency from province to province. We are satisfied that the taxa on the resulting national list fit a relatively uniform concept of rarity.

Some of the information on which we based our decisions to include or exlude certain taxa will not be immediately available to our readers. For example, all British Columbia R3 and R4 taxa (Straley et al. 1985) were reconsidered with

the help of Gerald Straley and George Douglas and many of them were excluded. Our information for Newfoundland (Bouchard et al. 1987) and Labrador (Argus & Scott 1976) and for Prince Edward Island (Catling 1987) was based mainly on unpublished draft lists. Much of the Northwest Territory data that we have are also unpublished (Argus & Pryer 1988). All of this information, including that pertaining to taxa that were considered but finally excluded, is available for examination at the National Museum of Natural Sciences.

Format

Included in the national list are all native taxa, above the rank of form, that are rare in each of the provinces and/or territories in which they occur. Hybrids and naturalized species are not included.

1. Scientific name and authority. The nomenclature follows, as much as possible, a computerized database of the 1985 draft revision of Kartesz & Kartesz (1980) *A Synonymized Checklist of the Vascular Flora of the United States, Canada, and Greenland*. For those species that include two or more subspecies or varieties anywhere in North America, north of Mexico, we have indicated the taxon that occurs in Canada.

2. Synonyms. Synonyms are included in parentheses following the accepted name only if they are necessary to locate the taxon in the cited references.

3. Family name.

4. References. The documentation for the rarity of a taxon in the provinces and territories is usually a bibliographic reference but occasionally herbarium specimens are cited using an herbarium abbreviation (Holmgren et al. 1981)

5. Endemism. We indicate whether a taxon is a narrow endemic simply by using the word "endemic" immediately following the reference field. A narrow endemic is a taxon that occurs only in a very small geographical area. The range of a narrow endemic may be restricted to one province or territory (e.g. *Tanacetum huronense* var. *floccosum* in Saskatchewan), two or more provinces or territories (e.g. *Draba ogilviensis* in the Yukon and Northwest Territories and *Salix silicicola* in Saskatchewan and the Northwest Territories), or it may even include one or more states (e.g. *Talinum sediforme* in British Columbia and Washington, and *Penstemon lyallii* in southwestern Alberta, southeastern British Columbia and adjacent Washington, Idaho, and Montana). To our knowledge, the area occupied by the taxa in all of these cases is very small.

6. Nature Conservancy Rank. The Nature Conservancy element ranks are given for each taxon.

- **a. Global Rank:** status of the taxon world-wide.
- **b. Canada Rank:** national status of the taxon followed by its subnational status (province, territory, or district) in Canada.
- **c. U.S. Rank:** subnational (state) status of the taxon in the United States.

These ranks are in accord with the system devised by The Nature Conservancy (TNC) and were checked using the TNC database (The Nature Conservancy 1988). The ranking system is described below in "The Nature Conservancy Element Ranks".

7. Canadian Priority. Each taxon is given a priority rating on a scale of 1 to 5, with 1 being the highest priority. The rating procedure is discussed below in "Canadian Priority Rating".

8. COSEWIC status. The designated status of taxa that have been considered by the Committee on the Status of Endangered Wildlife in Canada is given (Haber 1986). The status designation is followed by a reference to a report prepared for COSEWIC or to a published paper. These reports are available, at cost, from The Canadian Nature Federation, 453 Sussex Drive, Ottawa, Ontario, Canada K1N 6Z4.

9. Appendices. The data we assembled on the rare vascular plants of Canada was used to create a series of sublists, which appear here as appendices.

- I. **Family list.** Rare Canadian plants are listed in alphabetical order by family Appendix I).
- II. **List of endemics.** An alphabetical list of

Canadian endemics and the provinces and territories in which they occur (Appendix II).

iii. **Provincial and territorial lists.** Alphabetical lists of rare plants are given for each of the provinces, territories and districts (Appendices III-XVII).

iv. **Priority lists.** For each priority rating an alphabetical list of rare taxa, with their Canadian range, is presented (Appendices XVIII-XXII).

The Nature Conservancy Element Ranks

Each rare Canadian taxon is ranked according to the element ranking system developed by The Nature Conservancy (The Nature Conservancy 1982, Morse 1987). Three levels of ranking are given for each taxon: G = Global, N = National, and S = Subnational. The Global Rank is based on the species' status throughout its entire range, the National Rank on its status in Canada, and the Subnational Rank on its status in a province, territory, or district in Canada and/or in a state in the United States.

The degree to which a taxon is imperiled is indicated on a scale of one to five. The criteria, as developed by The Nature Conservancy, allow for a number of factors, such as abundance, range, protection, and threats, as well as the number of known occurrences, to be taken into consideration. The Canadian ranks, however, are based almost entirely on the number of known occurrences because information on other factors is rarely available. One common problem in recording taxon, or element, occurrences is that separate colonies or stands may occur at varying distances from one another within a relatively small area, for example, one square kilometre. The general rule followed by The Nature Conservancy (1982) is that, if the separate populations can be mapped at a scale of 1:24,000, they are regarded as separate element occurrences; otherwise they are grouped as a single occurrence.

Element ranks are indicated by numerals or characters, as defined below. They are always preceded by a letter indicating the geographic level of the rank: G = global, N = national, S = subnational. The following description of the ranks has been extracted, with minor modifications that reflect the current usage in Canada, from The Nature Conservancy (1982). The ranks Q through ? are in a sense parenthetical and serve to show where information is lacking or uncertain.

X = Apparently extinct or extirpated, without expectation that it will be rediscovered. Taxa occurring in Canada only in southwestern Ontario and not collected since 1899 have been ranked as extirpated. In all other cases, there had to be evidence of several unsuccessful attempts to relocate the taxon in order for it to receive this rank.

H = Historical occurrence, not having been verified since the turn of the century but with the expectation that it may be rediscovered. Taxa occurring in Canada only in southwestern Ontario and not collected since 1964 have been ranked as historic.

1 = Critically imperiled because of extreme rarity (5 or fewer occurrences).

2 = Imperiled because of rarity (6 to 20 occurrences).

3 = Rare or uncommon (on the order of 21 to 100 occurrences).

4 = Apparently secure, with many occurrences.

5 = Abundant and demonstrably secure, with many occurrences.

Q = Questionable taxonomic rank.

R = Reported but without persuasive documentation that would provide a basis for either accepting or rejecting the report.

RF = Reported falsely, with this error persisting in the literature.

U = Uncertain status, possibly in peril; more information needed; no data are available on the number of occurrences.

? = No information available, or the number of occurrences is estimated.

TABLE 2

Element Rank Matrix

Column a: combinations of taxon element ranks at the species level. Row b: combinations of taxon element subranks used only at the subspecific or varietal levels. Matrix a × b: possible combinations of taxon element ranks and subranks at the subspecific or varietal levels. The 4-part codes provide information about the subspecies or variety (T) as well as about the species as a whole from a global (G) or a national (N) perspective.

a/b	TX	TH	T1	T2	T3	T4	T5
GX	GXTX	----	----	----	----	----	----
NX	NXTX	----	----	----	----	----	----
SX	----	----	----	----	----	----	----
GH	GHTX	GHTH	----	----	----	----	----
NH	NHTX	NHTH	----	----	----	----	----
SH	----	----	----	----	----	----	----
G1	G1TX	G1TH	G1T1	----	----	----	----
N1	N1TX	N1TH	N1T1	----	----	----	----
S1	----	----	----	----	----	----	----
G2	G2TX	G2TH	G2T1	G2T2	----	----	----
N2	N2TX	N2TH	N2T1	N2T2	----	----	----
S2	----	----	----	----	----	----	----
G3	G3TX	G3TH	G3T1	G3T2	G3T3	----	----
N3	N3TX	N3TH	N3T1	N3T2	N3T3	----	----
S3	----	----	----	----	----	----	----
G4	G4TX	G4TH	G4T1	G4T2	G4T3	G4T4	----
N4	N4TX	N4TH	N4T1	N4T2	N4T3	N4T4	----
S4	----	----	----	----	----	----	----
G5	G5TX	G5TH	G5T1	G5T2	G5T3	G5T4	G5T5
N5	N5TX	N5TH	N5T1	N5T2	N5T3	N5T4	N5T5
S5	----	----	----	----	----	----	----

For taxa at species rank the various combinations of the taxon element ranks X through 5 at the global, national, and subnational levels are shown in column "a" in Table 2. If a taxon is a subspecies or variety, a taxon subrank ("T") is added to the global and national ranks. The possible combinations of taxon element ranks and subranks for subspecies or varieties are shown in matrix a × b in Table 2. For example, a narrow endemic variety of a wide-ranging and common species, such as *Achillea millefolium* var. *megacephala*, would receive the global element rank combination "G5T1" and the national element rank combination "N5T1". The ranks G5 and N5 indicate that the species is secure globally and nationally. The subrank T1 indicates that the variety is extremely rare.

A "T" subrank is not assigned at the subnational level. The "S" rank applies only to the epithet at the lowest taxonomic level, namely species, subspecies, or variety. Therefore, in the above example the subnational rank would be Saskatchewan "S1".

Some taxa that we ranked as N1 or S1 (defined as 5 or fewer occurrences) may, with more intensive collecting, prove to be N2 or S2 (6 to 20 occurrences) or even N3 or S3 (21 to 100 occurrences). Even in cases where collecting has been sufficiently intensive, the element occurrences are rarely plotted on large-scale maps. We determined the number of occurrences in Canada by counting the number of dots plotted on published and unpublished distribution maps. The scale of these maps varied widely as did the relative size of the dots. The best data we had to work with were for Ontario and for taxa studied by COSEWIC. Plant collecting, particularly in southern Ontario, has been relatively intense and the distribution maps in the Ontario Atlas (Argus et al. 1982-1987) were at a larger scale than those available for any other part of Canada, with the exception of Prince Edward Island. We remind our readers again that, because of the kind of data with which we had to work, the Subnational Ranks may tend to be less precise than equivalent ranks in those American States that have well-established Natural Heritage programs.

Provisional ranges of ranks or ranks followed by a question mark, such as N1N2 or N2?, are used temporarily when data are insufficient to make a decision.

Canadian Priority Rating

Although 1009 native taxa have been recognized here as rare in Canada, all of these are not equally imperiled. Because our financial and scientific resources are not adequate to protect, or even to study, all of them at once, it is important that priorities be set. In order to help decide which taxa require the most urgent attention, we have developed a priority rating system based on the taxon's: (a) Canadian distribution, (b) population size, (c) threats, and (d) Nature Conservancy Element Ranks in Canada and the United States. The principles that we followed in developing the Canadian priority ratings were that the highest priority should be given (i) to Canadian endemics that are at risk and (ii) to peripheral taxa that are at risk throughout all or a significant part of their North American range.

The criteria that we used for many taxa were often difficult to meet because of lack of information. For example, specific details on the degree of risk to a taxon or its habitat is very limited. For some taxa detailed information was available in COSEWIC status reports. As a general rule, however, we considered all taxa occurring in heavily populated regions as under possible threat. In almost all cases, the priorities we have assigned would be refined significantly were more information available on specific threats to these plants and their habitats, on their population sizes, and on their status in bordering states.

Method Used to Determine Canadian Priority.

For each taxon we completed a Canadian Priority Rating Sheet (Fig. 2). Scores to determine a taxon's priority rating were assigned in the following way:

A. Taxon Range

10 points. (i) Narrow endemic in Canada; sometimes occurring in adjacent states. For example, *Deschampsia mackenziana* is known only from the Lake Athabasca sand dunes in Saskatchewan; *Pedicularis furbishiae* occurs only in New Brunswick and adjacent Maine; and the Great Lakes endemic *Cirsium pitcheri* occurs in Ontario, Michigan, Indiana, Illinois, and Wisconsin. Or (ii) a taxon whose North American range (excluding Greenland) is only Canadian. For example, *Carex hostiana*, is an amphi-Atlantic species that occurs in North America only in Newfoundland and Quebec.

5 points. (i) Significant range in Canada but occurring also in the United States. For example, *Phyllitis scolopendrium* var. *americana* occurs in Ontario, New York, Michigan, Tennessee, and Alabama, but has its major range in Canada. (ii) A taxon occurring in more than one Canadian province, but with its major range in the United States. For example, *Camissonia andina* occurs in British Columbia, Alberta and Saskatchewan, but is peripheral to the species' main range in the western United States. Or (iii) a taxon that occurs as a

CANADIAN PRIORITY RATING SHEET

TAXON NAME:...*Buchnera americana*.....

RANGE

(10) Endemic to Canada. Narrow endemic in Canada (sometimes also in adjacent states), or only in Canada in North America (excluding Greenland).
(5) Significant range in Canada. Taxon occurs also in the United States, but has its major range in Canada, or a peripheral occurring in two or more provinces (treat N.B., N.S., and P.E.I. as one), or a long-range disjunct into Canada.
(0) Peripheral in Canada. Occurring in only one province or territory (treat N.B., N.S., and P.E.I. as one).

POPULATION SIZE

(5) Small or extirpated in all or most of Canada.
(0) Large or unknown.

THREATS

(10) Identified and probable.
(5) Possible. May be inferred by occurrence in heavily populated areas or in fragile ecosystems.
(0) None or unknown.

NATURE CONSERVANCY ELEMENT RANK

Canadian National Rank

(10) Lowest taxonomic level with a rank of X, H, 1, or 2.
(5) Lowest taxonomic level with a rank of 3 or 4.
(0) Lowest taxonomic level with a rank of 5, R, or U.

United States Subnational Rank

Throughout all or most (80%) of its range.
(10) SX, SH, S1, S2.
(5) S3, S4.
(0) S5, SR, SU.

Border states (one or more states bordering Canada).
(5) SX, SH, S1, S2.
(2) S3, S4.
(0) S5, SR, SU.

Non-border states (one or more states not bordering Canada).
(2) SX, SH, S1, S2.
(1) S3, S4.
(0) S5, SR, SU.

RAW SCORE..32.. PRIORITY...1...

FIG. 2. Sample Canadian Priority Rating Sheet. This priority rating sheet for *Buchnera americana* illustrates the way in which its Canadian priority was determined. See the text for description of each of the criteria.

long-range disjunct into Canada. For example, *Sabatia kennedyana* occurs along the eastern seaboard in the United States from South Carolina to Massachusetts and has a disjunct population in Nova Scotia.

0 points. Occurring in only one province or territory peripheral to the main range in the United States ("peripheral species"). For this purpose we have considered a taxon occurring in any or all of the provinces of New Brunswick, Nova Scotia, and Prince Edward Island as occurring in "one province".

B. Population Size. (Data were rarely available on population size.)

5 points. Populations known to be very small (few individuals per locality) or taxa that are thought to be extirpated in all or most of their Canadian range. For example, the populations of *Agalinis skinneriana* in Canada consist of few individuals; and *Collinsia verna* is possibly extirpated in Canada.

0 points. Populations of large or unknown size.

C. Threats. (Information about specific threats to a taxon was rarely available.)

10 points. Identified and probable threats to the taxon at most or all of its Canadian occurrences. For example, *Epipactis gigantea*, a species of hot springs in British Columbia, is known to be threatened by development and the diversion of mineral water.

5 points. Possible threats were deemed to exist for taxa that occur near centres of heavy population or in habitats such as lakeshores in cottage country. For example, all taxa occurring in southern Ontario, or near population centres such as Victoria-Vancouver were considered to be under possible threat.

0 points. No known threats.

D. Nature Conservancy Element Ranks.

(a) Canadian National Rank.

10 points. Taxa at the species level with ranks of NX, NH, N1, or N2 in Canada; or taxa at the subspecific or varietal levels with Canadian national ranks ending in TX, TH, T1, or T2 (e.g. N4T1, see Table 2).

5 points. Taxa at the species level with ranks of N3 or N4, in Canada; or taxa at the subspecific or varietal levels with Canadian national ranks ending in T3 or T4 (e.g. N4T3, see Table 2).

0 points. Taxa at the species level with ranks of N5, NR, or NU in Canada; or taxa at the subspecific or varietal levels with Canadian national ranks of N5T5, N5TR, or N5TU (see Table 2).

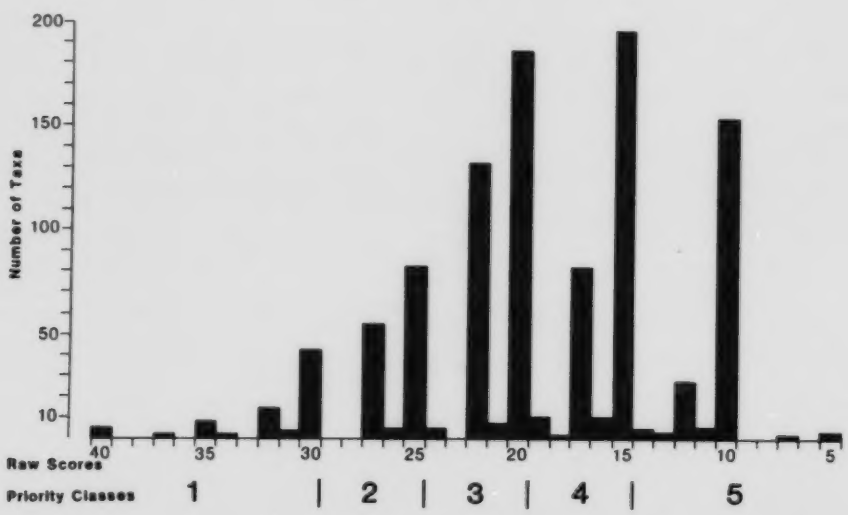

FIG. 3. Histogram illustrating the distribution of the priority classes assigned to rare Canadian taxa.

(b) United States Subnational Rank (based on its highest Subnational Rank in one or more states).

(i) Throughout all or most (about 80%) of its range in the United States.

10 points. Taxa with ranks of SX, SH, S1, or S2.

5 points. Taxa with ranks of S3 or S4.

0 points. Taxa with ranks of S5, SR, or SU.

(ii) Border states (one or more states bordering Canada).

5 points. Taxa with ranks of SX, SH, S1, or S2.

2 points. Taxa with ranks of S3 or S4.

0 points. Taxa with ranks of S5, SR, or SU.

(iii) Non-border states (one or more states not bordering Canada).

2 points. Taxa with ranks of SX, SH, S1, or S2.

1 point. Taxa with ranks of S3 or S4.

0 points. Taxa with ranks of S5, SR, or SU.

When the points are assigned to a taxon according to the above criteria, and tallied, a theoretical maximum score of 45 points or a minimum score of 0 points could be reached. The actual maximum/minimum scores in our sample is 40/5 with a mode of 20 (Fig. 3). This range of scores has been divided into five priority ratings, namely, priority 1: 40-30 points, priority 2: 29-25 points, priority 3: 24-20 points, priority 4: 19-15 points, and priority 5: 14-5 points.

Graphs for each of the provinces illustrating the percent of taxa in each of the five priority classes reveal some interesting patterns (Fig. 4). The graph showing the percent of endemics in each of the five priority classes indicates that our goal of assigning high priority to endemics at risk has been successful. Forty-three percent of endemics have priorities 1 and 2, 64% are priority 3, and only 3% have priorities 4 and 5.

The graphs for each province (Fig. 4) are arranged in order of provinces with larger numbers of priority 1 and 2 taxa versus priority 4 and 5 down to those with larger numbers of priority 4 and 5 taxa versus priority 1 and 2. The Northwest and Yukon territories, Newfoundland, and Quebec all have higher percentages of priority 1 and 2 taxa versus

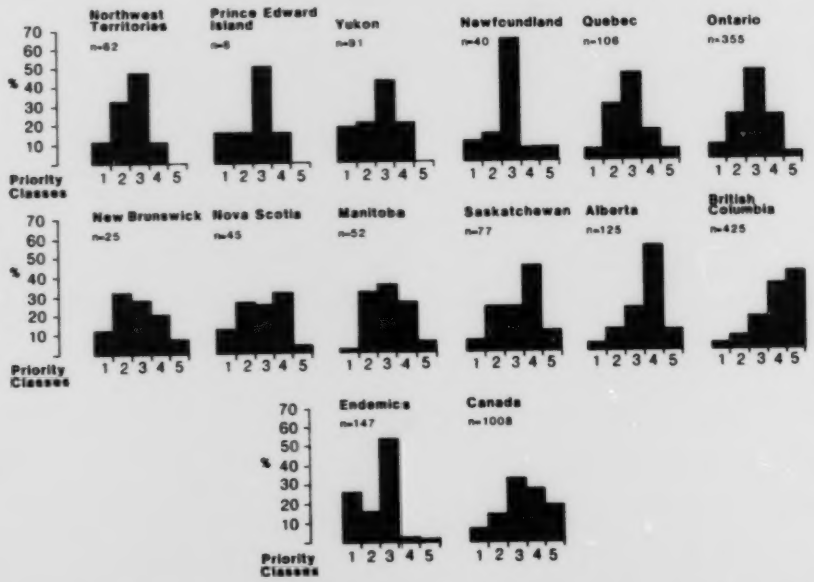

FIG. 4. Histograms of the Canadian priority classes. The percent species in each of the five priority classes is shown for: each province and territory, endemics, and Canada. n = sample size. The histograms are based on data in Table 4.

FIG. 5. Map of North America with a dot indicating each political jurisdiction plotted on the distribution maps.

priority 4 and 5. This probably reflects the large number of endemics in those provinces and territories. The graph for Prince Edward Island is not significant because of the very small number of taxa involved. The graphs for taxa in Ontario, New Brunswick, Nova Scotia, and Manitoba are virtually normal having almost equal percentages of priority 1 and 2 versus 4 and 5 taxa. The graphs for taxa in Saskatchewan, Alberta, and British Columbia have progressively greater relative percentages of priority 4 and 5 versus priority 1 and 2 taxa. This skewing may be a reflection of the lack of rare status information for many taxa in the states bordering the three western provinces. Many of these peripheral taxa may simply be common south of the border, but for many western taxa there is a significant lack of information on their status in the northwestern United States. This did not permit us to assign priority ranks that were as realistic as, perhaps, those for taxa occurring in the east, since Natural Heritage programs in the northeastern United States are more well-established and provided us with more data. For Canada as a whole, the graph is skewed toward the right and this is caused by the large number of priority 4 and 5 taxa in the western provinces.

Distribution Maps

The distribution of rare Canadian taxa in Canada, the United States, Greenland, and Saint-Pierre and Miquelon is shown on the North American maps that accompany the list. An occurrence is indicated by a dot in the centre of the appropriate political jurisdiction (Fig. 5). A dot in eastern Siberia indicates that the taxon also occurs in the USSR or in Eastern Asia. A dot in Iceland indicates that the taxon occurs there (Löve 1970).

The occurrence of a taxon in Canada is based on the references cited in the "Reference" field for that taxon in the main list. A question mark in a geographical area indicates an uncertainty either about the taxon's occurrence there, or about its rarity there. In the case of Newfoundland (Island), a question mark is used to indicate that the taxon is a "candidate" on the unpublished list of rare plants (Bouchard et al. 1987). The occurrence of a taxon elsewhere in North America is based, for the most part, on the geographical database compiled by John T. Kartesz (Kartesz 1988) and provided to us with the assistance of The Nature Conservancy. This information was sometimes supplemented by information from state Natural Heritage Programs (Table 3) or by recent taxonomic monographs and articles. The references for all occurrences outside of Canada, except Iceland and Eastern Asia, are cited at the top of each map.

Discussion Of Rare Vascular Plants In Canada

There are about 3269 native species of vascular plants in the Flora of Canada (Scoggan 1978-1979). We have recognized 1009 taxa, or about 25-30% of the flora, as rare in Canada (Table 4). This may seem to be a very high percentage until it is understood that the two provinces that have the greatest number of rare plants, British Columbia with 426 and Ontario with 355 (Fig. 6), are floristically diverse and contain many habitats, and hence plants, with a limited distribution in Canada.

TABLE 3

Abbreviations of State Natural Heritage Programs

These abbreviations are cited on some of the distribution maps as documentation for information in The Nature Conservancy Element State Tracking Database (The Nature Conservancy 1988).

ARHP	--	Arkansas Natural Heritage Inventory
AZHP	--	Arizona Heritage Program
CTHP	--	Connecticut Natural Diversity Database
DEHP	--	Delaware Natural Heritage Inventory
FLHP	--	Florida Natural Areas Inventory
GAHP	--	Georgia Natural Heritage Inventory
IAHP	--	Iowa Natural Areas Inventory
IDHP	--	Idaho Natural Heritage Program
ILHP	--	Illinois Natural Heritage Inventory
INHP	--	Indiana Heritage Program
KSHP	--	Kansas Natural Heritage Program
KYHP	--	Kentucky Heritage Program
LAHP	--	Louisiana Natural Heritage Program
MEHP	--	Maine Natural Heritage Program
MDHP	--	Maryland Natural Heritage Program
MIHP	--	Michigan Natural Features Inventory
MNHP	--	Minnesota Natural Heritage Program
MOHP	--	Missouri Natural Heritage Inventory
MSHP	--	Mississippi Natural Heritage Program
MTHP	--	Montana Natural Heritage Program
NCHP	--	North Carolina Natural Heritage
NDHP	--	North Dakota Natural Heritage Inventory
NEHP	--	Nebraska Natural Heritage Inventory
NHHP	--	New Hampshire Natural Heritage Inventory
NJHP	--	New Jersey Natural Heritage Program
NMHP	--	New Mexico Natural Resources
NYHP	--	New York Natural Heritage Program
OHHP	--	Ohio Natural Heritage Program
OKHP	--	Oklahoma Natural Heritage Inventory
PAHP	--	Pennsylvania Natural Diversity Inventory
RIHP	--	Rhode Island Heritage Program
SCHP	--	South Carolina Heritage Trust
SDHP	--	South Dakota Natural Heritage
TNHP	--	Tennessee Ecological Services Division
TXHP	--	Texas Natural Heritage Program
UTHP	--	Rocky Mountain Heritage Task Force
VAHP	--	Virginia Natural Heritage Program
VTHP	--	Vermont Natural Heritage Program
WAHP	--	Washington Natural Heritage Program
WVHP	--	West Virginia Wildlife/Heritage Database
WIHP	--	Wisconsin Natural Heritage Program
WYHP	--	Wyoming Natural Heritage Program

TABLE 4

Tabular Conspectus of Rare Vascular Plants in Canada.

	No. of Taxa	No. of Endemics	Number of taxa & percentage Priority 1	Priority 2	Priority 3	Priority 4	Priority 5
Canada	1009	147	68 (7)	145 (14)	327 (32)	273 (28)	196 (19)
Endemic	147	---	40 (27)	24 (16)	79 (54)	3 (2)	1 (1)
AB	125	16	4 (3)	14 (11)	27 (22)	67 (54)	13 (10)
BC	426	47	14 (3)	28 (7)	74 (17)	139 (33)	171 (40)
MB	52	1	1 (1)	16 (31)	18 (35)	14 (27)	3 (6)
NB	25	5	3 (12)	8 (32)	7 (28)	5 (20)	2 (8)
NF	40	17	4 (10)	5 (13)	25 (63)	3 (7)	3 (7)
NF(IS)	33	17	4 (12)	4 (12)	20 (61)	2 (6)	3 (9)
NF(LB)	12	1	0 (0)	1 (8)	8 (67)	2 (17)	1 (8)
NT	62	23	7 (11)	20 (32)	29 (47)	6 (10)	0 (0)
NT(FR)	20	7	1 (5)	3 (15)	13 (65)	3 (15)	0 (0)
NT(KW)	9	3	0 (0)	2 (22)	4 (44)	3 (34)	0 (0)
NT(MK)	47	16	7 (15)	19 (40)	17 (36)	4 (9)	0 (0)
NS	45	3	6 (13)	12 (27)	11 (25)	14 (31)	2 (4)
ON	355	15	26 (7)	82 (23)	160 (45)	79 (23)	8 (2)
PE	6	3	1 (17)	1 (17)	3 (50)	1 (17)	0 (0)
QC	106	22	5 (5)	31 (29)	48 (45)	17 (16)	5 (5)
SK	77	11	4 (5)	18 (23)	18 (23)	33 (44)	4 (5)
YT	91	28	16 (18)	18 (20)	39 (42)	18 (20)	0 (0)

AB=Alberta, BC=British Columbia, MB=Manitoba, NB=New Brunswick, NF=Newfoundland, NF(IS)=Newfoundland (Island), NF(LB)=Newfoundland (Labrador), NT=Northwest Territories, NT(FR)=Northwest Territories (District of Franklin), NT(KW)=Northwest Territories (District of Keewatin), NT(MK)=Northwest Territories (District of Mackenzie), NS=Nova Scotia, ON=Ontario, PE=Prince Edward Island, QC=Quebec, SK=Saskatchewan, YT=Yukon Territory.

The main reason for the large number of rare plants in British Columbia and Ontario is their geographical location at the northern edge of floristic provinces in the United States that extend but a short distance into Canada. In Ontario, the Carolinian Forest of the Eastern Deciduous Forest Province is a floristically diverse vegetation that not only has a limited range in Canada (Fig. 1), but has been largely eliminated by agriculture and urbanization. Many of British Columbia's unique taxa belong to the Californian floristic elements in the Coastal Forest of the Cordilleran Forest Province and are at their northern limits in British Columbia. Also some Pacific Rim floristic elements are at their southeastern limits in British Columbia. The large number of rare plants in British Columbia is also due, to some extent, to the inclusion on the British Columbia list (Straley et al. 1985) of some relatively common taxa (Straley pers. comm.). Even if these were all removed, however, there would still be more rare taxa in British Columbia than in any other province.

Endemics in Canada, including those shared with adjacent states, are a very important part of our biological diversity (Argus & McNeill 1974). These taxa occur in all of the provinces and territories (Appendix II). The number of endemics in each of the provinces and territories is shown in Fig. 7. The great biological diversity in the Pacific Northwest is reflected in this figure. We recognize 47 taxa

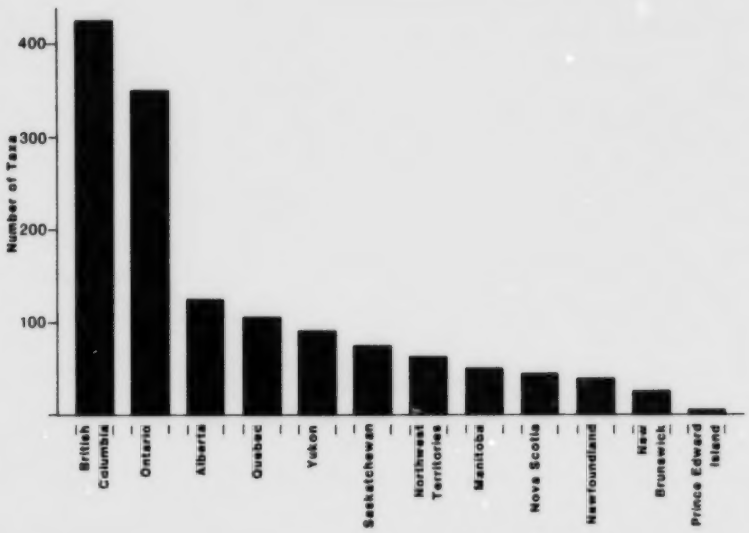

FIG. 6. Number of rare vascular plants in each of the provinces and territories.

endemic to British Columbia. Of these only 14 are restricted to British Columbia, occurring mainly on the Queen Charlotte Islands or on northwestern Vancouver Island; the others are shared with adjacent states or provinces. The Yukon Territory has 28 endemics. These are mainly restricted to the unglaciated part of the Yukon and often are shared with Alaska. There are 23 taxa endemic to the Northwest Territories; many of these are unique High Arctic taxa. The 22 endemic taxa occurring in Quebec are mainly from the Gaspé. Newfoundland has 17 endemic taxa, many of which are found on the Northern Peninsula. The 16 taxa endemic to Alberta are largely cordilleran taxa, many of which are shared with adjacent states or provinces. The 15 endemics in Ontario are mainly Great Lakes taxa shared with the states bordering the lakes. Most of the 11 Saskatchewan endemics are in the Lake Athabasca sand dune region in northwestern Saskatchewan. The other four provinces have five or fewer endemics each. Some of these, however, such as *Pedicularis furbishiae* in New Brunswick and *Geum peckii* in Nova Scotia, are important North American endemics.

The data illustrated in Figs. 6 and 7 allow us to suggest where emphasis should be placed for the protection of floristic diversity in Canada. British Columbia and Ontario should be given primary consideration since they exhibit the greatest floristic diversity in Canada. British Columbia has the greatest number of both rare and endemic taxa. The Yukon and Northwest territories, Quebec, Newfoundland, and Alberta all have significant numbers of endemic taxa and also deserve serious consideration. Although we have singled out these provinces and territories for special mention, it should be emphasized that all provinces have unique plants and, in that regard, all deserve equal consideration. We cannot stress too strongly that effective programs to protect Canada's floristic diversity should be a high priority for governments at all levels.

Acknowledgements

In preparing this list we enjoyed the cooperation of a large number of botanists who promptly reviewed our list of more than 1000 names not once but twice. To them we are very grateful. Their suggestions were all considered very seriously and we incorporated many of them into the present list. We are especially indebted to André Bouchard and Gerald B.

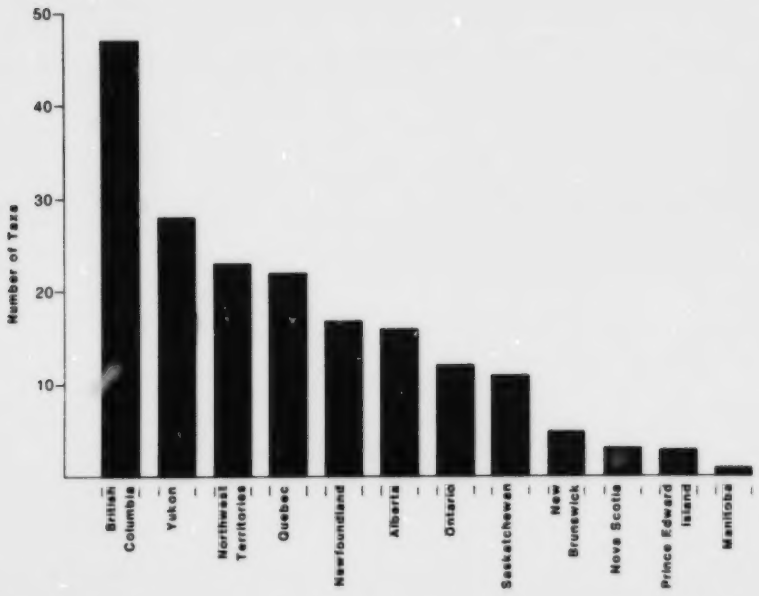

FIG. 7. Number of rare endemic taxa in each of the provinces and territories. Some of these taxa may occur in more than one province or territory.

Straley who patiently answered our numerous questions about species in Quebec and Newfoundland, and British Columbia, respectively. Michael J. Oldham carefully reviewed species in southwestern Ontario and made very useful suggestions. The list was reviewed also by: Susan G. Aiken, John F. Bain, Peter W. Ball, Denis Barabé, Randall J. Bayer, Marcel Blondeau, T. Chris Brayshaw, Luc Brouillet, Daniel F. Brunton, Paul M. Catling, Jacques Cayouette, William J. Cody, William J. Crins, George W. Douglas, Sylvia A. Edlund, Matthew Fairbarns, John M. Gillett, Vernon L. Harms, Stuart Hay, Harold Hinds, John H. Hudson, Karen L. Johnson, Catherine J. Keddy, Paul A. Keddy, John G. Packer, James B. Phipps, James S. Pringle, Anton A. Reznicek, John L. Riley, Paul E. Rothrock, Michael J. Shchepanek, James H. Soper, and Marcia Waterway.

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In 1986 the National Museum of Natural Sciences entered into a Memorandum of Agreement to share rare and endangered plant data with The Nature Conservancy. Larry Morse, Chief Botanist and director of The Nature Conservancy's scientific databases, has been extremely helpful to us in this project. He provided us with The Nature Conservancy element state tracking database on the Global and United States Subnational Ranks for Canadian rare taxa. His collaboration has

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Canadian National and Subnational Element Ranks were ably determined by Jannis M. Klein, under a contract generously provided by The Nature Conservancy.

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On Christmas Eve in 1987 our entire database, containing information on more than 1000 taxa, vanished in a computer crash. The 2 mega-byte file was recovered through the expert work of Terance P. Mahoney of SYNERSYS (12345 CANADA Limited), ably assisted by Suzanne M. Blain and Timothy R. Mahoney. Without their help this project would have come to an end at that time. We are indebted to them more than we can say.

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List of Rare Vascular Plants in Canada

Abronia latifolia Eschsch.
NYCTAGINACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Abronia micrantha = Tripterocalyx micranthus

Abronia umbellata Lam. ssp. **acutalata** (Standl.) Tillett
NYCTAGINACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4TH
CANADA RANK: N1T1: British Columbia S1
U.S. RANK: Oregon SH, Washington SX
CANADIAN PRIORITY: 2

Achillea lanulosa ssp. **megacephala = A. millefolium** var. **megacephalum**

Achillea millefolium L. var. **megacephala** (Raup) Boivin
(A. lanulosa Nutt. var. megacephala (Raup) Argus)
ASTERACEAE
REFERENCE: Maher et al. 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N5T1: Saskatchewan S1
CANADIAN PRIORITY: 2

Adiantum capillus-veneris L.
ADIANTACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Colorado SU, Florida S3S4, Georgia S3, Kentucky S2, Mississippi S2, North Carolina S1, South Dakota S1, Virginia SX
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (Brunton 1984a, 1986a)

Aesculus glabra Willd. var. **glabra**
HIPPOCASTANACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N1T1: Ontario S1
U.S. RANK: Georgia S1, New York SH
CANADIAN PRIORITY: 2

Agalinis aspera (Dougl. ex Benth.) Britt.
SCROPHULARIACEAE
REFERENCE: White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Manitoba S1
U.S. RANK: Arkansas SU
CANADIAN PRIORITY: 4

Agalinis gattingeri (Small) Small ex Britt. & A. Brown
SCROPHULARIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: Ontario S1
U.S. RANK: Iowa S2, Indiana S1, Michigan SH, Minnesota S2, Ohio SH, Wisconsin S2
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (Canne-Hilliker 1988a)

Agalinis maritima (Raf.) Raf.
(Gerardia maritima Raf.)
SCROPHULARIACEAE
REFERENCE: Hinds 1983, Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: New Brunswick SX, Nova Scotia S1
U.S. RANK: Maine S2, New Hampshire S2, New York S3, North Carolina S3, Rhode Island S2, South Carolina S?
CANADIAN PRIORITY: 3

Agalinis skinneriana (Wood) Britt.
SCROPHULARIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: Ontario S2
U.S. RANK: Iowa S1, Indiana S1, Kentucky S2, Maryland SH, Ohio S1, Wisconsin S1
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (Canne-Hilliker 1988b)

Agastache scrophulariifolia (Willd.) Kuntze
LAMIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: NX: Ontario SX
U.S. RANK: Connecticut S1, Georgia S1, Kansas SH, Maryland SH, Massachusetts SX, Nebraska S?, New Jersey S2, South Dakota SU, Tennessee S2, Vermont S1
CANADIAN PRIORITY: 2

Agastache urticifolia (Benth.) Kuntze
LAMIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Agoseris cuspidata = Nothocalis cuspidata

Agrimonia parviflora Ait.
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Connecticut SH, New York S2, South Dakota SU
CANADIAN PRIORITY: 4

Agropyron dasystachyum var. **psammophilum = A. psammophilum**

Agropyron psammophilum Gillett & Senn
(A. dasystachyum (Hook.) Scribn. & Sm. var. psammophilum (Gillett & Senn) E.G. Voss)
POACEAE
REFERENCE: Argus 1982-1987, Harms (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Manitoba S1, Ontario S2, Saskatchewan S1
CANADIAN PRIORITY: 3

Agrostis clavata Trin.
(A. filiculmis M.E. Jones)
POACEAE
REFERENCE: Douglas et al. 1981, Hultén 1968
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 3

Agrostis filiculmis = A. clavata

Agrostis pallens Trin.
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Aletris farinosa L.
LILIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Maine SX, New York S3, Ohio S3, Rhode Island S2
CANADIAN PRIORITY: 1
COSEWIC STATUS: threatened (Kirk 1988)

Allium amplectens Torr.
LILIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Allium crenulatum Wieg.
LILIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Allium geyeri S. Wats.
LILIACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: Alberta S2, British Columbia S1, Saskatchewan S1
CANADIAN PRIORITY: 2

Allium validum S. Wats.
LILIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Idaho S1
CANADIAN PRIORITY: 4

Alnus serrulata (Dry.) Willd.
BETULACEAE
REFERENCE: Bouchard et al. (in litt.), Furlow 1979, Hinds 1986, Maher et al.1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: New Brunswick S1, Nova Scotia S1, Quebec S2
U.S. RANK: Kansas S1, Oklahoma S4
CANADIAN PRIORITY: 5

Alopecurus carolinianus Walt.
POACEAE
REFERENCE: Hudson 1980, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S1, Saskatchewan S1
U.S. RANK: Delaware S1, Minnesota SU, New Jersey S1, Pennsylvania SH
CANADIAN PRIORITY: 4

Ammannia coccinia = A. robusta

Ammannia robusta Heer & Regel
(A. coccinia Rottb.)
LYTHRACEAE
REFERENCE: Argus et al. 1982-1987, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1, Ontario S1
U.S. RANK: Wyoming S1
CANADIAN PRIORITY: 3

Amorpha fruticosa L.
FABACEAE
REFERENCE: Argus et al. 1982-1987, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Manitoba S1, Ontario S1
U.S. RANK: Oklahoma S?
CANADIAN PRIORITY: 2

Amsinckia lycopsoides Lehm. ex Fischer & C. Meyer
BORAGINACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
U.S. RANK: Montana SU
CANADIAN PRIORITY: 5

Amsinckia spectabilis Fisch. & Mey.
BORAGINACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Andropogon hallii Hack.
POACEAE
REFERENCE: White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Manitoba S1
CANADIAN PRIORITY: 5

Androsace alaskana Coville & Standl. ex Hultén
PRIMULACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Anemone multiceps (Greene) Standl.
RANUNCULACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 3

Anemone piperi Britt.
RANUNCULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Angelica dawsonii S. Wats.
APIACEAE
REFERENCE: Moss 1983, Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S2, British Columbia S1
CANADIAN PRIORITY: 3

Angelica laurentiana Fern.
APIACEAE
REFERENCE: Bouchard et al. 1987, Bouchard (in litt.), Fernald 1926
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1Q
CANADA RANK: N1: Newfoundland (Island S1), Quebec S1
CANADIAN PRIORITY: 3

Antennaria corymbosa E. Nels.
ASTERACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Alberta S1, Saskatchewan S1
U.S. RANK: Washington SU
CANADIAN PRIORITY: 4

Antennaria eucosma Fern. & Wieg.
ASTERACEAE
REFERENCE: Bayer & Stebbins 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2G3
CANADA RANK: N2N3: Newfoundland (Island SU), Quebec S2
CANADIAN PRIORITY: 3

Antennaria friesiana (Trautv.) Ekman ssp. **alaskana** (Malte) Hultén
ASTERACEAE
REFERENCE: Bayer & Stebbins 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?T3
CANADA RANK: N3T1: Yukon S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Aphragmus eschscholtzianus Andrz. ex DC.
BRASSICACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2G3
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Aplectrum hyemale (Muhl. ex Willd.) Torr.
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2, Quebec S1
U.S. RANK: Alabama S?, Arkansas S3, Connecticut SH, Delaware S1, Georgia S3, Iowa S3, Massachusetts S1, Mississippi S1, Nebraska S?, New Jersey S1, New York SH, Oklahoma S1, Pennsylvania S3, Vermont S1, Virginia S4S5
CANADIAN PRIORITY: 2

Aquilegia jonesii Parry
RANUNCULACEAE
REFERENCE: Packer & Bradley 1984, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: Alberta S1
U.S. RANK: Montana S3, Wyoming S3
CANADIAN PRIORITY: 5

Arabis shortii (Fern.) Gleason var. **shortii**
BRASSICACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Arkansas S1S2, Delaware S1, Maryland S1, Nebraska S?, New York SH, Tennessee SU, Virginia SH, West Virginia S1S2
CANADIAN PRIORITY: 3

Arctostaphylos columbiana Piper
ERICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Arenaria marcescens = Minuartia marcescens

Arenaria nuttallii = Minuartia nuttallii

Arisaema dracontium (L.) Schott
ARACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3, Quebec S2
U.S. RANK: Connecticut S2S3, Delaware S1, Maryland S3, Massachusetts S2, Minnesota SU, Nebraska S?, New Hampshire S1, Vermont S1
CANADIAN PRIORITY: 3
COSEWIC STATUS: vulnerable (Gauvin 1984a)

Aristida basiramea Engelm. ex Vasey
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Colorado S2
CANADIAN PRIORITY: 4

Aristida longispica = A. longispica var. **geniculata**

Aristida longispica Poir. var. **geniculata** (Raf.) Fern.
(A. longispica auct.)
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: Ontario S1
U.S. RANK: Indiana S2, Iowa S3, Michigan S1, New Hampshire S2, Rhode Island S1, South Dakota SU, Vermont SH
CANADIAN PRIORITY: 3

Aristida necopina Shinners
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Ontario S1
U.S. RANK: Illinois S1?, Michigan S1S2
CANADIAN PRIORITY: 3

Aristida purpurascens Poir.
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Massachusetts S2, Ohio S2, Pennsylvania S2, Rhode Island S1, West Virginia S1
CANADIAN PRIORITY: 2

Armeria maritima (Mill.) Willd. ssp. **interior** (Raup) Porsild
PLUMBAGINACEAE
REFERENCE: Maher et al. 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N5T1: Saskatchewan S1
CANADIAN PRIORITY: 1
COSEWIC STATUS: threatened (Argus 1981a)

Arnica frigida ssp. **griscomii** = **Arnica griscomii** ssp. **frigida**

Arnica griscomii Fern. ssp. **frigida** (Meyer ex Iljin) S.J. Wolf
(A. louiseana Farr. ssp. griscomii (Fern.) Maguire, A. frigida Meyer ex Iljin ssp. griscomii (Fern.) S.R. Downie)
ASTERACEAE
REFERENCE: Bouchard et al. 1987, Downie & Denford 1986, Wolf 1989
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?T2
CANADA RANK: N?T2: Newfoundland (Island S2), Quebec S1
CANADIAN PRIORITY: 3

Arnica longifolia D.C. Eat.
ASTERACEAE
REFERENCE: Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Alberta S1
CANADIAN PRIORITY: 5

Arnica louiseana ssp. **griscomii** = **Arnica griscomii** ssp. **frigida**

Artemisia globularia Cham. ex Bess.
ASTERACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Artemisia laciniata Willd.
ASTERACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 3

Artemisia ludoviciana Nutt. var. **incompta** (Nutt.) Keck
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N?T1: British Columbia S1
CANADIAN PRIORITY: 5

Artemisia rupestris L. ssp. **woodii** Neilson
ASTERACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3T2
CANADA RANK: N2T2: Yukon S2
CANADIAN PRIORITY: 3

Asclepias hirtella (Pennell) Woods.
ASCLEPIADACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Georgia SU, Louisiana S1, Michigan S1, Minnesota S2, Mississippi S4?, Tennessee S?
CANADIAN PRIORITY: 3

Asclepias lanuginosa = A. otarioides

Asclepias otarioides Fourn.
(A. lanuginosa Nutt.)
ASCLEPIADACEAE
REFERENCE: White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Manitoba S1
U.S. RANK: Iowa S1, Illinois S1, Wisconsin S2
CANADIAN PRIORITY: 4

Asclepias purpurascens L.
ASCLEPIADACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Georgia S1?, Maryland S3, Minnesota SU, New Hampshire S1, New York S1, Tennessee S?, Vermont SH, Wisconsin S1
CANADIAN PRIORITY: 3

Asclepias quadrifolia Jacq.
ASCLEPIADACEAE
REFERENCE: Argus et al 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Delaware SH, Iowa S3, Kansas S1, New Hampshire S1, Rhode Island S1, Vermont S3
CANADIAN PRIORITY: 3

Asclepias sullivantii Engelm. ex Gray
ASCLEPIADACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Arkansas S?, Iowa S4, Michigan S1, Minnesota S2, North Dakota SH, South Dakota SU, Wisconsin S1S2
CANADIAN PRIORITY: 3

Asclepias variegata L.
ASCLEPIADACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Connecticut S1, Indiana S2, New Jersey S2, New York S1, Ohio S1
CANADIAN PRIORITY: 2

Asimina triloba (L.) Dunal
ANNONACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Iowa S3S4, Nebraska S?, New Jersey S1, New York S1
CANADIAN PRIORITY: 3

Asplenium adulterinum Milde ssp. **presolanense** Mokry, Rasbach & Reichstein
ASPLENIACEAE
REFERENCE: Mokry et al. 1986, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 3

Asplenium ruta-muraria L.
(A. ruta-muraria L. var. cryptolepis (Fern.) Wherry)
ASPLENIACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2, Quebec S1
U.S. RANK: Alabama S?, Connecticut S1, Georgia S1?, Indiana S1, Maryland S3, Massachusetts S2, Michigan S1, North Carolina S1, Ohio S2
CANADIAN PRIORITY: 2

Asplenium ruta-muraria var. **cryptolepis** = **A. ruta-muraria**

Aster anticostensis Fern.
(A. gaspensis Victorin)
ASTERACEAE
REFERENCE: Brouillet & Labrecque 1987, Labrecque & Brouillet 1988
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: New Brunswick S1, Quebec S2
U.S. RANK: Maine SH
CANADIAN PRIORITY: 1

Aster curtus Cronq.
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1N2: British Columbia S1S2
U.S. RANK: Oregon S1, Washington S3
CANADIAN PRIORITY: 4

Aster divaricatus L.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987, Bernard & Boivin 1982; Semple & Heard 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S1, Quebec S1
U.S. RANK: Maine S3S4
CANADIAN PRIORITY: 3

Aster dumosus L. var. **strictior** Torr. & Gray
ASTERACEAE
REFERENCE: Argus et al. 1982-1987; Semple & Heard 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Ontario S2
CANADIAN PRIORITY: 4

Aster gaspensis = **A. anticostensis**

Aster laurentianus Fern.
(A. laurentianus Fern. var. contiguus Fern.)
ASTERACEAE
REFERENCE: Houle & Brouillet 1985, Catling 1987, Hinds 1983
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: New Brunswick S1, Prince Edward Island S1, Quebec S2
CANADIAN PRIORITY: 3
COSEWIC STATUS: under review (Houle 1988)

Aster laurentianus var. **contiguus** = **A. laurentianus**

Aster linariifolius L.
ASTERACEAE
REFERENCE: Brouillet (in litt.), Hinds 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: New Brunswick S2, Quebec S2
U.S. RANK: Iowa S1, Kansas S2?, Ohio S3
CANADIAN PRIORITY: 4

Aster nahanniensis Cody
ASTERACEAE
REFERENCE: Cody 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Northwest Territories (Mackenzie S1)
CANADIAN PRIORITY: 3

Aster paucicapitatus (B.L. Robins.) B.L. Robins.
ASTERACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 3

Aster praealtus Poir. var. **praealtus**
ASTERACEAE
REFERENCE: Argus et al. 1982-1987; Semple & Heard 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N?T1: Ontario S1
U.S. RANK: Minnesota S?
CANADIAN PRIORITY: 4

Aster prenanthoides Muhl. ex Willd.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987; Semple & Heard 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Connecticut SH, Massachusetts S3, Minnesota SU, New Jersey S2
CANADIAN PRIORITY: 3

Aster radulinus Gray
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Aster schreberi Nees
ASTERACEAE
REFERENCE: Semple & Heard 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Connecticut S?, Delaware S1, Iowa S1, Illinois S1, Maine SX, New York S1S2
CANADIAN PRIORITY: 3

Aster sericeus = Virgulus sericeus

Aster shortii Lindl.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987; Semple & Heard 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Arkansas S1S2, Florida S1?, Maryland S3, Minnesota S3, Virginia S3
CANADIAN PRIORITY: 3

Aster undulatus L.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987, Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Nova Scotia S1, Ontario SR
U.S. RANK: Illinois S1, Indiana S2, Minnesota S?
CANADIAN PRIORITY: 4

Aster yukonensis Cronq.
ASTERACEAE
REFERENCE: Cody 1979, Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 1

Astragalus collinus (Hook.) Dougl. ex Don var. **collinus**
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N2T2: British Columbia S2
CANADIAN PRIORITY: 5

Astragalus convallarius Greene var. **convallarius**
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: British Columbia S1
U.S. RANK: Montana S1
CANADIAN PRIORITY: 4

Astragalus filipes Torr. ex Gray
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Astragalus kentrophyta Gray var. **kentrophyta**
FABACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Alberta S1, Saskatchewan S1
CANADIAN PRIORITY: 4

Astragalus lentiginosus Dougl. ex Hook. var. **lentiginosus**
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5

Astragalus microcystis Gray
FABACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Idaho SU, Washington S2
CANADIAN PRIORITY: 2

Astragalus nutzotinensis Rouss.
FABACEAE
REFERENCE: Douglas et al. 1981, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: British Columbia S1, Yukon S2
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 2

Astragalus racemosus Pursh var. **racemosus**
FABACEAE
REFERENCE: Maher et al. 1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: Saskatchewan S1
U.S. RANK: Minnesota SU
CANADIAN PRIORITY: 5

Astragalus robbinsii (Oakes) Gray var. **fernaldii** (Rydb.) Barneby
FABACEAE
REFERENCE: Barneby 1964, Bouchard et al. 1983, Bouchard et al. 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N?T1: Newfoundland (Island S1, Labrador S1), Quebec S1
CANADIAN PRIORITY: 3

Astragalus sclerocarpus Gray
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon SU
CANADIAN PRIORITY: 5

Athysanus pusillus (Hook.) Greene
BRASSICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: British Columbia S2
U.S. RANK: Montana S1
CANADIAN PRIORITY: 4

Atriplex alaskensis S. Wats.
CHENOPODIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: British Columbia S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Atriplex aptera = A. cansecens ssp. **aptera**

Atriplex canescens (Pursh) Nutt. ssp. **aptera** (A. Nels.) Hall & Clements *(A. aptera A. Nels.)*
CHENOPODIACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Alberta S1, Saskatchewan S1
CANADIAN PRIORITY: 4

Atriplex powellii S. Wats.
CHENOPODIACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, Saskatchewan S1
CANADIAN PRIORITY: 4

Atriplex praecox Hulphers
CHENOPODIACEAE
REFERENCE: Bassett et al. 1983, Bouchard et al. 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Newfoundland (Island S1)
CANADIAN PRIORITY: 3

Aureolaria pedicularia (L.) Raf.
SCROPHULARIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Delaware SH, Minnesota SU, Ohio S1, Rhode Island S3, Vermont S1
CANADIAN PRIORITY: 4

Aureolaria virginica (L.) Pennell
SCROPHULARIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NH: Ontario SH
U.S. RANK: New Hampshire S2, Rhode Island S3
CANADIAN PRIORITY: 2

Azolla caroliniana Willd.
SALVINIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Indiana S2, Maryland S2, Oklahoma S2
CANADIAN PRIORITY: 3

Azolla mexicana Schlecht. & Cham. ex Presl
SALVINIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Colorado S4
CANADIAN PRIORITY: 3
COSEWIC STATUS: threatened (Brunton 1984b, 1986b)

Bacopa rotundifolia (Michx.) Wettst.
SCROPHULARIACEAE
REFERENCE: Fairbarns (in litt.), CAN
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Alberta S1
U.S. RANK: Arizona S2, Idaho S1, Indiana S2, Minnesota S3, Montana S1, Wyoming S1
CANADIAN PRIORITY: 4

Balsamorhiza deltoidea Nutt.
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 4

Baptisia tinctoria (L.) Vent.
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Iowa SX, Illinois SH, Indiana S2, Kentucky S2, Maine S1, Minnesota S?, Vermont SH, Wisconsin S1
CANADIAN PRIORITY: 3

Bartonia paniculata (Michx.) Muhl. ssp. **paniculata**
GENTIANACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N?T1: Ontario S1
U.S. RANK: Arkansas S3? Delaware S1, Georgia S3S4?, Illinois S1, Indiana S1, Maryland S3, Michigan S1, Missouri S1, Oklahoma S1
CANADIAN PRIORITY: 3

Bartonia virginica (L.) B.S.P.
GENTIANACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Hinds 1983, P. & C.Keddy (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: New Brunswick S1, Nova Scotia S2, Ontario S2, Quebec S1
U.S. RANK: Georgia S4, Kentucky S1, Minnesota S1, Ohio S3, Vermont S1, Wisconsin S3
CANADIAN PRIORITY: 4

Berula erecta (Huds.) Coville
APIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Iowa S1, Michigan S2, New York SH
CANADIAN PRIORITY: 5

Betula glandulosa Michx. var. **hallii** (Howell) C.L. Hitchcock
BETULACEAE
REFERENCE: Brayshaw (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N5T1: British Columbia S1
U.S. RANK: Oregon SU, Washington SU
CANADIAN PRIORITY: 3

Betula lenta L.
BETULACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Ohio S4S5
CANADIAN PRIORITY: 4

Bidens amplissima Greene
ASTERACEAE
REFERENCE: Boivin 1972, Johnson (in litt.), Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 2

Bidens coronata (L.) Britt.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Connecticut SH, Maryland S1, Mississippi SU, Rhode Island S1
CANADIAN PRIORITY: 4

Bidens discoidea (Torr. & Gray) Britt.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Roland & Smith 1969
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Nova Scotia SU, Ontario S3, Quebec S2
U.S. RANK: Iowa S3, Maryland S1, Minnesota SU, New Hampshire SH, Vermont S1
CANADIAN PRIORITY: 3

Bidens eatonii Fern.
ASTERACEAE
REFERENCE: Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4
CANADA RANK: NU: Quebec SU
U.S. RANK: Connecticut S1, Massachusetts S2, Maine S1, New York SR
CANADIAN PRIORITY: 5

Bidens heterodoxa (Fern.) Fern. & St. John
ASTERACEAE
REFERENCE: Bouchard et al. 1983, Catling 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2?Q
CANADA RANK: N1: Prince Edward Island S1, Quebec S1
U.S. RANK: Connecticut SH
CANADIAN PRIORITY: 2

Blephilia ciliata (L.) Benth.
LAMIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Delaware SH, Iowa S1, Maryland S1, Massachusetts S1, New York S1, Vermont SH
CANADIAN PRIORITY: 3

Blephilia hirsuta (Pursh) Benth. var. **hirsuta**
LAMIACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Scoggan 1978-1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4?T?
CANADA RANK: NXTX: Ontario SX, Quebec SX
U.S. RANK: Connecticut S1, Delaware SH, Kansas S?, Maryland S3, Massachusetts S1, Minnesota S?, Nebraska S?, Virginia S1S2
CANADIAN PRIORITY: 2

Boisduvalia densiflora (Lindl.) S. Wats.
ONAGRACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
U.S. RANK: Montana SU
CANADIAN PRIORITY: 4

Boisduvalia glabella (Nutt.) Walp.
ONAGRACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1084, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S1, British Columbia S1, Saskatchewan S2
U.S. RANK: North Dakota S1, Wyoming S1
CANADIAN PRIORITY: 3

Boisduvalia stricta (Gray) Greene
ONAGRACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Boschniakia hookeri Walp.
OROBANCHACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Botrychium acuminatum W.H. Wagner
OPHIOGLOSSACEAE
REFERENCE: Wagner & Wagner 1990
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Ontario S1
U.S. RANK: Michigan S1
CANADIAN PRIORITY: 1

Botrychium ascendens W.H. Wagner
OPHIOGLOSSACEAE
REFERENCE: Argus et al. 1982-1987, Wagner & Wagner 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3?
CANADA RANK: N1: Alberta S1, British Columbia S1, Ontario S1, Yukon S1
CANADIAN PRIORITY: 4

Botrychium campestre W.H. Wagner
OPHIOGLOSSACEAE
REFERENCE: Wagner & Wagner 1986, 1990
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Alberta S1, Ontario S1, Saskatchewan S1
CANADIAN PRIORITY: 4

Botrychium hesperium (Maxon & Clausen) W.H. Wagner & Lellinger
OPHIOGLOSSACEAE
REFERENCE: Argus et al. 1982-1987, Wagner & Wagner 1983a, 1983b
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3?
CANADA RANK: N2: Alberta S1, British Columbia S1, Ontario S1, Saskatchewan S1
U.S. RANK: Michigan S1, Montana SU
CANADIAN PRIORITY: 2

Botrychium montanum W.H. Wagner
OPHIOGLOSSACEAE
REFERENCE: Straley et al. 1985, Wagner & Wagner 1990
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Montana S2, Oregon S1
CANADIAN PRIORITY: 4

Botrychium paradoxum W.H. Wagner
OPHIOGLOSSACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wagner & Wagner 1981, 1983b, 1990, Wallis et al. 1986
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Alberta S1, British Columbia S1, Saskatchewan S1
U.S. RANK: Montana S1
CANADIAN PRIORITY: 1

Botrychium pedunculosum W.H. Wagner
OPHIOGLOSSACEAE
REFERENCE: Wagner & Wagner 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2G3
CANADA RANK: N1: British Columbia S1, Saskatchewan S1
U.S. RANK: Oregon S1
CANADIAN PRIORITY: 2

Botrychium pseudopinnatum W.H. Wagner
OPHIOGLOSSACEAE
REFERENCE: Wagner & Wagner 1990
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Ontario S1
CANADIAN PRIORITY: 3

Botrychium rugulosum W.H. Wagner
OPHIOGLOSSACEAE
REFERENCE: Argus et al. 1982-1987, Wagner & Wagner 1982
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N3: Ontario S2, Quebec S2
U.S. RANK: New York SH, Wisconsin S2
CANADIAN PRIORITY: 3

Bouteloua curtipendula (Michx.) Torr. var. **curtipendula**
POACEAE
REFERENCE: Argus et al. 1982-1987, Johnson (in litt.), Maher et al. 1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Manitoba S1?, Ontario S2, Saskatchewan S2
U.S. RANK: Connecticut S1, Florida S?, Georgia S1, Kentucky S1, Maryland S2, Michigan S1S2, New Jersey S1, New York S1, Pennsylvania S2, West Virginia S2
CANADIAN PRIORITY: 2

Boykinia heucheriformis (Rydb.) A. Nels. *(Telesonix heucheriformis Rydb.)*
SAXIFRAGACEAE
REFERENCE: Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Alberta S1
CANADIAN PRIORITY: 5

Braya fernaldii Abbe
BRASSICACEAE
REFERENCE: Bouchard et al. 1987, Harris 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Newfoundland (Island S2)
CANADIAN PRIORITY: 3

Braya glabella Richards. var. **prostrata** Harris ined.
BRASSICACEAE
REFERENCE: Harris 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N5T1: Northwest Territories (Franklin S1)
CANADIAN PRIORITY: 3

Braya humilis (C.A. Mey.) B.L. Robins. var. **ellesmerensis** Harris ined.
BRASSICACEAE
REFERENCE: Harris 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N5T1: Northwest Territories (Franklin S1)
CANADIAN PRIORITY: 3

Braya humilis (C.A. Mey.) B.L. Robins. var. **maccallae** Harris ined.
BRASSICACEAE
REFERENCE: Harris 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T2
CANADA RANK: N5T2: Alberta S2, British Columbia S2
CANADIAN PRIORITY: 3

Braya longii Fern.
BRASSICACEAE
REFERENCE: Bouchard et al. 1987, Harris 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Newfoundland (Island S1)
CANADIAN PRIORITY: 3

Braya pilosa Hook.
BRASSICACEAE
REFERENCE: Harris 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: GX
CANADA RANK: NX: Northwest Territories (Mackenzie SX)
CANADIAN PRIORITY: 2

Braya thorild-wulffii Ostenf. var. **glabrata** Harris ined.
BRASSICACEAE
REFERENCE: Harris 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3T1
CANADA RANK: N2T1: Northwest Territories (Franklin S1)
CANADIAN PRIORITY: 3

Brickellia grandiflora (Hook.) Nutt.
ASTERACEAE
REFERENCE: Moss 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Alberta S1
U.S. RANK: Arkansas S2, Nebraska S?
CANADIAN PRIORITY: 5

Brickellia oblongifolia Nutt. var. **oblongifolia**
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5
COSEWIC STATUS: under study

Brodiaea coronaria (Salisb.) Engelm. ssp. **coronaria**
LILIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: GUT2
CANADA RANK: N2T2: British Columbia S2
CANADIAN PRIORITY: 5

Bromus suksdorfii Vasey
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Buchloe dactyloides (Nutt.) Engelm.
POACEAE
REFERENCE: Maher et al. 1979, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: Manitoba S1, Saskatchewan S1
U.S. RANK: Iowa S3, Minnesota S3, Missouri S?
CANADIAN PRIORITY: 4

Buchnera americana L.
SCROPHULARIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3?
CANADA RANK: N1: Ontario S1
U.S. RANK: Arkansas S2, Delaware SH, Indiana S1, Maryland SH, Michigan SH, New Jersey SX, New York SH, Ohio S2, Pennsylvania SX
CANADIAN PRIORITY: 1
COSEWIC STATUS: threatened (Brownell 1981a)

Cacalia plantaginea (Raf.) Shinners
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Michigan S2, Minnesota S?, Ohio S2, South Dakota S?, Wisconsin S2
CANADIAN PRIORITY: 3
COSEWIC STATUS: vulnerable (Keddy 1988a)

Cacaliopsis nardosmia (Gray) Gray
(Luina nardosmia (Gray) Cronq. var. glabrata (Piper) Cronq.)
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Calamagrostis cinnoides (Muhl.) Bart.
POACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Nova Scotia S1
U.S. RANK: Kentucky S1, Maine SH, New Hampshire S?
CANADIAN PRIORITY: 4

Calamagrostis crassiglumis Thurb.
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: British Columbia S2
U.S. RANK: California S?, Oregon S?, Washington S1S2
CANADIAN PRIORITY: 4

Calamagrostis purpurascens R. Br. var. **maltei** Polunin
POACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N5T1: Yukon S1
CANADIAN PRIORITY: 3

Calamagrostis robertii Porsild
POACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Yukon S1
CANADIAN PRIORITY: 3

Calamovilfa longifolia (Hook.) Scribn. var. **magna** Scribn. & Merrill
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5TU
CANADA RANK: N?T3: Ontario S3
U.S. RANK: New York SH, Wisconsin S3S4
CANADIAN PRIORITY: 4

Calandrinia ciliata (Ruiz & Pavon) DC.
PORTULACACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: British Columbia S2
U.S. RANK: Idaho SU, New Mexico S?
CANADIAN PRIORITY: 5

Callitriche marginata Torr.
CALLITRICHACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon SU
CANADIAN PRIORITY: 5

Calochortus apiculatus Baker
LILIACEAE
REFERENCE: Moss 1983, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Alberta S1, British Columbia S2
U.S. RANK: Montana SU
CANADIAN PRIORITY: 4

Calochortus lyallii Baker
LILIACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 3

Calyptridium umbellatum (Torr.) Greene
PORTULACACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Camassia leichtlinii (Baker) S. Wats. ssp. **suksdorfii** (Greenm.) Gould
LILIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5T?
CANADA RANK: N2T2: British Columbia S2
CANADIAN PRIORITY: 5

Camassia quamash (Pursh) Greene
LILIACEAE
REFERENCE: Moss 1983, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Alberta S2, British Columbia S2
U.S. RANK: Wyoming S2
CANADIAN PRIORITY: 5

Camassia scilloides (Raf.) Cory
LILIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Georgia S1, Louisiana S3, Michigan S2, Mississippi S2S3, North Carolina S1, Pennsylvania S2, South Carolina S2, Virginia S2S3, Wisconsin S1
CANADIAN PRIORITY: 3
COSEWIC STATUS: under study

Camissonia andina (Nutt.) Raven
(Oenothera andina Nutt.)
ONAGRACEAE
REFERENCE: Hudson 1980, Maher et al. 1979, Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Alberta S1, British Columbia S1, Saskatchewan S1
U.S. RANK: Colorado SU, Montana S1
CANADIAN PRIORITY: 3

Camissonia breviflora (Torr. & Gray) Raven
(Oenothera breviflora Torr. & Gray)
ONAGRACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S1, British Columbia S1, Saskatchewan S1
CANADIAN PRIORITY: 4

Camissonia contorta (Dougl. ex Lehm.) Kearney
ONAGRACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Campanula scouleri Hook. ex A. DC.
CAMPANULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NU: British Columbia SU
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 5

Campsis radicans (L.) Seem. ex Bureau
BIGNONIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
CANADIAN PRIORITY: 4

Cardamine angulata Hook.
BRASSICACEAE
REFERENCE: Douglas (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 3

Cardamine cordifolia Gray var. **lyallii** (S. Wats.) Nels. & Macbr.
BRASSICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Carex adelostoma Krecz.
(C. morrisseyi Porsild)
CYPERACEAE
REFERENCE: Bouchard et al. 1983, Cody 1979, Hultén & Fries 1986, Johnson (in litt.), Porsild & Cody 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3?
CANADA RANK: N2: Newfoundland (Labrador S1), Manitoba S1, Northwest Territories (Keewatin S1, Mackenzie S1), Quebec S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 2

Carex aggregata Mackenzie
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Iowa S1, Maryland SH, New York SH, Ohio S2S3, South Dakota SU, West Virginia S2
CANADIAN PRIORITY: 3

Carex alata Torr.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Connecticut S1, Illinois S1, Indiana S2, Missouri S?, Ohio S1, Pennsylvania S1, Texas S1
CANADIAN PRIORITY: 3

Carex amplifolia Boott
CYPERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4
CANADA RANK: N1N2: British Columbia S1S2
U.S. RANK: Montana S1
CANADIAN PRIORITY: 3

Carex appalachica J. Webber & P.W. Ball
(C. radiata auct.)
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Ontario S2, Quebec S1
U.S. RANK: Virginia S1S2
CANADIAN PRIORITY: 3

Carex arenicola = C. pansa

Carex atlantica Bailey ssp. **capillacea** (Bailey) Reznicek
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Reznicek (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5?
CANADA RANK: N?T2: Nova Scotia S2, Ontario S1, Quebec S1
U.S. RANK: Indiana S1, Maryland S3, Ohio S3, Vermont S1
CANADIAN PRIORITY: 2

Carex bicknellii Britt. var. **bicknellii**
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Johnson (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Manitoba S1, Ontario S2, Quebec S1
U.S. RANK: Arkansas S1, Delaware SH, New Jersey S2, New York S2, Ohio S1S2, Pennsylvania S3S4, Vermont SH
CANADIAN PRIORITY: 2

Carex careyana Torr. ex Dewey
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Arkansas S2, Iowa S3, Maryland SH, Pennsylvania S1, Virginia S1, West Virginia S1, Wisconsin S1
CANADIAN PRIORITY: 3

Carex circinata C.A. Mey.
CYPERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N3: British Columbia S3
U.S. RANK: Washington S1S2
CANADIAN PRIORITY: 4

Carex crus-corvi Shuttlew. ex Kunze
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Michigan SH, Minnesota S1, Nebraska S?, Ohio S1, Virginia S1, Wisconsin S1
CANADIAN PRIORITY: 3

Carex davisii Schwein. & Torr.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Ontario S2
U.S. RANK: Connecticut SH, Delaware S1, Maryland SH, Massachusetts S1, Michigan SH, Minnesota S2, New York S1, Tennessee S1, Vermont SH, West Virginia S1
CANADIAN PRIORITY: 3

Carex eleusinoides Turcz. ex C.A. Mey.
CYPERACEAE
REFERENCE: Douglas et al. 1981, Porsild & Cody 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S2, Montana SU
CANADIAN PRIORITY: 2

Carex emoryi Dewey
(C. stricta Lam. var. elongata (Boeckl.) Gleason)
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Manitoba S1, Ontario S3
U.S. RANK: Arkansas SU, Delaware S1, Maryland SH, New York SH, West Virginia S1
CANADIAN PRIORITY: 3

Carex enanderi Hultén
(C. eurystachya F.J. Herm.)
CYPERACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Alberta S1, British Columbia S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 2

Carex engelmannii Bailey
CYPERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Carex epapillosa F.J. Herm.
CYPERACEAE
REFERENCE: Packer & Bradley 1984, Taylor 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?Q
CANADA RANK: N1: Alberta S1, British Columbia S1
CANADIAN PRIORITY: 4

Carex eurystachya = C. enanderi

Carex frankii Kunth
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Iowa S3, Michigan S2S3, Nebraska S?, New Jersey S2, New York SH
CANADIAN PRIORITY: 4

Carex geyeri Boott
CYPERACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S2, British Columbia S1
U.S. RANK: California SU, Pennsylvania S1
CANADIAN PRIORITY: 4

Carex glaucodea Tuckerman ex Olney
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Ontario S1
U.S. RANK: Kansas S2?, Massachusetts S1, New Hampshire SH, New York S1, Ohio S2
CANADIAN PRIORITY: 3

Carex gmelinii Hook. & Arn.
CYPERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Carex gracilescens Steud.
(C. laxiflora Lam. var. gracillima (Boot.) Robins. & Fern.)
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?
CANADA RANK: N3: Ontario S3, Quebec S2
U.S. RANK: Arkansas S?, Georgia S3?, Mississippi S1S3, New Hampshire S2, South Carolina S?, Texas S1, Wisconsin SU
CANADIAN PRIORITY: 3

Carex gravida Bailey var. **gravida**
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Maher et al. 1979, Oldham (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: Ontario SX, Manitoba S1, Saskatchewan S1
U.S. RANK: Arkansas S1S2, Indiana S1, Michigan SH, Montana S1S2, New York S1, Ohio S?
CANADIAN PRIORITY: 2

Carex hendersonii Bailey
CYPERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
U.S. RANK: Idaho S2
CANADIAN PRIORITY: 3

Carex hirsutella Mackenzie
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2, Quebec S1
U.S. RANK: Iowa S3, Kansas S?, New Hampshire S1
CANADIAN PRIORITY: 2

Carex hostiana DC.
(C. hostiana DC. var. laurentiana Fern. & Wieg.)
CYPERACEAE
REFERENCE: Bouchard et al. 1983, Bouchard et al. 1987, Hultén & Fries 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Newfoundland (Island S1), Quebec S1
CANADIAN PRIORITY: 3

Carex hostiana var. **laurentiana = C. hostiana**

Carex hyalinolepis Steud.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Maryland S1, Michigan S2, New Jersey SH, New York S1, Pennsylvania SX
CANADIAN PRIORITY: 4

Carex interrupta Boeckl.
CYPERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon S4, Washington S2
CANADIAN PRIORITY: 3

Carex jamesii Schwein.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Arkansas S4, Louisiana S?, Maryland S3, Mississippi S1S2, Nebraska S?, New Jersey S1, New York SH, North Carolina S1S2
CANADIAN PRIORITY: 3

Carex laxa Wahlenb.
CYPERACEAE
REFERENCE: Cody 1979, Douglas et al. 1981, Hultén & Fries 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 2

Carex laxiflora var. **gracillima = C. gracilescens**

Carex leavenworthii Dewey
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Maryland SH, Nebraska S?
CANADIAN PRIORITY: 3

Carex longii Mackenzie
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Rothrock (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Nova Scotia S1, Ontario SH
U.S. RANK: Arkansas S3, Pennsylvania S?, Wisconsin S1S2
CANADIAN PRIORITY: 2

Carex lupuliformis Sartwell ex Dewey
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4Q
CANADA RANK: N2: Ontario S1, Quebec S2
U.S. RANK: Connecticut SH, Delaware S1, Iowa S3, Maryland S3, New Jersey S2, New York S1S2, North Carolina SR, Ohio S2, Vermont S2, Virginia S1S2, Wisconsin S1
CANADIAN PRIORITY: 2

Carex luzulina Olney var. **ablata** (Bailey) F.J. Herm.
CYPERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N2T2: British Columbia S2
U.S. RANK: Wyoming S2
CANADIAN PRIORITY: 5

Carex meadii Dewey
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Reznicek (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1N2: Manitoba SU, Ontario S1, Saskatchewan SU
U.S. RANK: Arizona S3, Delaware SH, Maryland SH, Mississippi S3, New Jersey SH, New York SH, North Carolina S1, Pennsylvania S?, Virginia S1, West Virginia S1
CANADIAN PRIORITY: 2

Carex morrisseyi = C. adelostoma

Carex muskingumensis Schwein.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Scoggan 1978-1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Manitoba SX, Ontario S2
U.S. RANK: Arkansas S1S2, Kansas S2?, Minnesota SU, Tennessee SH
CANADIAN PRIORITY: 3

Carex nebraskensis Dewey
CYPERACEAE
REFERENCE: Packer & Bradley 1984, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Alberta S1
U.S. RANK: Kansas S2?, North Dakota S1
CANADIAN PRIORITY: 2

Carex nigromarginata Schwein.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Connecticut SH, Illinois S1, Indiana S1, New York S1, Missouri S?, Ohio S2, West Virginia S1
CANADIAN PRIORITY: 3

Carex oligocarpa Schkuhr ex Willd.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Hay & Gagnon 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Ontario S2, Quebec S1
U.S. RANK: Connecticut SH, Massachusetts SH, Michigan SH, New Jersey SH, South Carolina S?, Vermont S1
CANADIAN PRIORITY: 2

Carex pansa L.H. Bailey
(C. arenicola auct.)
CYPERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Carex paysonis Clokey
CYPERACEAE
REFERENCE: Straley et al. 1985, Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, British Columbia S1
CANADIAN PRIORITY: 4

Carex petricosa Dewey var. **misandroides** (Fern.) Boivin
CYPERACEAE
REFERENCE: Bouchard et al. 1983, Bouchard et al. 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T2
CANADA RANK: N?T2: Newfoundland (Island S1), Quebec S1
CANADIAN PRIORITY: 3

Carex praeceptorium Mackenzie
CYPERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Carex prasina Wahlenb.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N3: Ontario S3, Quebec S2
U.S. RANK: Arkansas S1S2, Illinois S1, Mississippi S1, South Carolina S?, Wisconsin S3S4
CANADIAN PRIORITY: 4

Carex radiata = C. appalachica

Carex ramenskii Komarov
CYPERACEAE
REFERENCE: Cody 1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Northwest Territories (Mackenzie S1)
U.S. RANK: Alaska S2S3
CANADIAN PRIORITY: 3

Carex rariflora (Wahl.) Sm. var. **androgyna** Porsild
CYPERACEAE
REFERENCE: Cody 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N?T1: Northwest Territories (Mackenzie S1)
CANADIAN PRIORITY: 3

Carex retroflexa Muhl. ex Willd. var. **retroflexa**
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: Ontario S1
U.S. RANK: Iowa S3, Kansas S?, Missouri SX, New Hampshire S2, New York SH, Ohio S2, Vermont S1
CANADIAN PRIORITY: 3

Carex rufina Drej.
CYPERACEAE
REFERENCE: Blondeau & Cayouette 1987, Cody 1979, Deshaye & Blondeau 1984, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N3: Manitoba S1, Northwest Territories (Keewatin S1), Quebec S2, Saskatchewan SR
CANADIAN PRIORITY: 4

Carex sabulosa Turcz. ssp. **leiophylla** (Mackenzie) Porsild
CYPERACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T1
CANADA RANK: N1T1: Yukon S1
CANADIAN PRIORITY: 3

Carex saxilittoralis = **C. viridula** var. **saxilittoralis**

Carex scopulorum Holm var. **bracteosa** (Bailey) F.J. Herm.
CYPERACEAE
REFERENCE: Standley 1985, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5

Carex seorsa Howe
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Ontario S2
U.S. RANK: Indiana S2, Maryland S2, Michigan S2, Mississippi S1S3, New Hampshire S1, New York SH, Ohio S3, West Virginia SU
CANADIAN PRIORITY: 3

Carex shortiana Dewey
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Maryland S1
CANADIAN PRIORITY: 3

Carex squarrosa L.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Iowa S3, Kansas S2?, Michigan S1S2, Minnestoa SU, Nebraska S?
CANADIAN PRIORITY: 3

Carex stricta var. **elongata** = **C. emoryi**

Carex suberecta (Olney) Britt.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Ontario S1
U.S. RANK: Arkansas S1, Ohio S2, Virginia S1, West Virginia S1, Wisconsin S1
CANADIAN PRIORITY: 3

Carex tetanica Schkuhr
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Ball (in litt.), Hudson (in litt.), Maher et al. 1979, Reznicek (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: Manitoba S1, Ontario S2, Saskatchewan S1
U.S. RANK: Connecticut S1, Iowa S3, Maryland SH, Massachusetts S2, Missouri S1, North Carolina S1, Ohio S3, Pennsylvania S2, Virginia S2, West Virginia S1?
CANADIAN PRIORITY: 3

Carex trichocarpa Muhl. ex Willd.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Oldham (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Ontario S2, Quebec S1
U.S. RANK: Delaware S1, Indiana S2, Maryland S2, Massachusetts S2, Michigan S1, Missouri S1, Ohio S2, Vermont S1, West Virginia S1
CANADIAN PRIORITY: 3

Carex typhina Michx.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S1, Quebec S2
U.S. RANK: Massachusetts S2, Maine SH, Michigan SH, Minnesota SU, New Jersey S2, New York S1S2, Pennsylvania S3, Vermont S1S2, West Virginia S1
CANADIAN PRIORITY: 3

Carex virescens Muhl. ex Willd.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2, Quebec S1
U.S. RANK: Arkansas S2S3, Missouri S?
CANADIAN PRIORITY: 3

Carex viridula Michx. var. **saxilittoralis** (A. Robertson) Crins
(C. saxilittoralis A. Robertson)
CYPERACEAE
REFERENCE: Bouchard et al. 1987, Crins & Ball 1989
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N5T1: Newfoundland (Island S1), Nova Scotia S1
CANADIAN PRIORITY: 3

Carex willdenowii Schkuhr. ex Willd.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Arkansas S2, Connecticut SH, Delaware SH, Georgia S4, Illinois S1, Massachusetts SH, New Jersey S2, New York SH, Ohio S2, Vermont SH
CANADIAN PRIORITY: 3

Carya glabra (P. Mill.) Sweet
JUGLANDACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Vermont S1, Missouri S?
CANADIAN PRIORITY: 3

Carya laciniosa (Michx. f.) Loud.
JUGLANDACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Georgia S4?, Iowa S3S4, Maryland SH, Michigan S3, Mississippi S2S3, New York SH, North Carolina S1, Virginia S1
CANADIAN PRIORITY: 3

Cassia hebecarpa = Senna hebecarpa

Cassiope lycopodioides (Pallas) D. Don ssp. **cristapilosa** Calder & Taylor
ERICACEAE
REFERENCE: Calder & Taylor 1968
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3?T2
CANADA RANK: N3T2: British Columbia S2
U.S. RANK: Washington S1
CANADIAN PRIORITY: 3

Cassiope lycopodioides (Pallas) D. Don ssp. **lycopodioides**
ERICACEAE
REFERENCE: Szczawinski 1962
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3?T3?
CANADA RANK: N3T2: British Columbia S2
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Castanea dentata (Marsh.) Borkh.
FAGACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N3: Ontario S3
U.S. RANK: Iowa SU, Illinois S1, Indiana S3, Louisiana S?, Maine S2, Maryland S3, Michigan S2, Mississippi S4?, Ohio S2
CANADIAN PRIORITY: 2
COSEWIC STATUS: threatened (Ambrose & Aboud 1987)

Castilleja cervina Greenm.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4
CANADA RANK: N2: British Columbia S2
U.S. RANK: Montana SU
CANADIAN PRIORITY: 5

Castilleja cusickii Greenm.
SCROPHULARIACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S2, British Columbia S2
CANADIAN PRIORITY: 2

Castilleja elmeri Fern.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: GUQ
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 3

Castilleja exilis A. Nels.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Montana SU, Wyoming S1
CANADIAN PRIORITY: 5

Castilleja gracillima Rydb.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4
CANADA RANK: N2: British Columbia S2
U.S. RANK: Montana SU, Wyoming S2
CANADIAN PRIORITY: 5

Castilleja levisecta Greenm.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon SX, Washington S1S2
CANADIAN PRIORITY: 2

Castilleja rupicola Piper ex Fern.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon SU
CANADIAN PRIORITY: 5

Castilleja thompsonii Pennell
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 3

Caucalis microcarpa = Yabea microcarpa

Celtis tenuifolia Nutt.
ULMACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Michigan S3, New Jersey S2, Ohio S3
CANADIAN PRIORITY: 3
COSEWIC STATUS: vulnerable (Klinkenberg 1985)

Centaurium exaltatum (Griseb.) W. Wight ex Piper
GENTIANACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Colorado S1, Montana S1, Nebraska S?
CANADIAN PRIORITY: 4

Centaurium muhlenbergii (Griseb.) W. Wight ex Piper
GENTIANACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Cephalanthera austiniae = Eburophyton austiniae

Cerastium cerastioides (L.) Britt.
CARYOPHYLLACEAE
REFERENCE: Bouchard et al. 1983, Bouchard et al. 1987, Hultén & Fries 1986, Porsild 1964, Rousseau 1974
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: Newfoundland (Island S1, Labrador S2), Northwest Territories (Franklin S1), Quebec S1
CANADIAN PRIORITY: 3

Cerastium fischerianum Ser.
CARYOPHYLLACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: British Columbia S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Cerastium terrae-novae Fern. & Wieg.
CARYOPHYLLACEAE
REFERENCE: Bouchard et al. 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Newfoundland (Island S1)
CANADIAN PRIORITY: 3

Cerastium velutinum Raf.
CARYOPHYLLACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Ontario S2
U.S. RANK: Pennsylvania S3
CANADIAN PRIORITY: 4

Cercis canadensis L.
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Connecticut SH
CANADIAN PRIORITY: 3

Chaenactis alpina (Gray) M.E. Jones
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Chaenactis douglasii (Hook.) Hook. & Arn. var. **montana** M.E. Jones
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N?T1: British Columbia S1
CANADIAN PRIORITY: 5

Chaerophyllum procumbens (L.) Crantz
APIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Delaware S1, New Jersey S3, New York SH, Ohio S2S3, Wisconsin S3
CANADIAN PRIORITY: 3

Chamaelirium luteum (L.) Gray
LILIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Arkansas S3, Connecticut S1, Delaware SH, Florida S?, Indiana S1, Louisiana S3S4, Maryland S3, Massachusetts S1, New Jersey S3, New York S2
CANADIAN PRIORITY: 2

Chamaesyce geyeri (Engelm.) Small
(Euphorbia geyeri Englem.)
EUPHORBIACEAE
REFERENCE: White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Manitoba S1
U.S. RANK: Missouri S1SH, Montana S1, Texas S1, Wyoming S1
CANADIAN PRIORITY: 4

Chenopodium dacoticum = C. watsonii

Chenopodium foggii H.A. Wahl
CHENOPODIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3?
CANADA RANK: N2: Ontario S2, Quebec S1
U.S. RANK: Pennslyvania S2, Vermont SH
CANADIAN PRIORITY: 2

Chenopodium leptophyllum (Nutt. ex Moq.) Nutt. ex S. Wats.
CHENOPODIACEAE
REFERENCE: Argus et al. 1982-1987, Bassett & Crompton 1982, Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S1, British Columbia S2, Ontario S1, Saskatchewan S1
U.S. RANK: New Jersey S2, Ohio S1, Rhode Island S1
CANADIAN PRIORITY: 2

Chenopodium standleyanum Aellen
CHENOPODIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Maryland S1, New Jersey S1, New York SH, West Virginia SH
CANADIAN PRIORITY: 4

Chenopodium subglabrum (S. Wats.) A. Nels.
CHENOPODIACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984, Wallis et al. 1986, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, Manitoba S1, Saskatchewan S1
U.S. RANK: North Dakota SH, Wyoming S1
CANADIAN PRIORITY: 2

Chenopodium watsonii A. Nels.
(C. dacoticum Standl.)
CHENOPODIACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, Saskatchewan S1
U.S. RANK: Kansas S?, Wyoming S1
CANADIAN PRIORITY: 4

Chimaphila maculata (L.) Pursh var. **maculata**
PYROLACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Illinois S1, Indiana S3, Maine S2, Michigan S4, Mississippi S1S2, Vermont S2
CANADIAN PRIORITY: 2
COSEWIC STATUS: endangered (Kirk 1987)

Chrysothamnus viscidiflorus (Hook.) Nutt. ssp. **lanceolatus** (Nutt.) Hall & Clements
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5
COSEWIC STATUS: under study

Cicuta maculata L. var. **victorinii** (Fern.) Boivin
APIACEAE
REFERENCE: Bouchard et al. 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T2
CANADA RANK: N5T2: Quebec S2
CANADIAN PRIORITY: 2
COSEWIC STATUS: vulnerable (Legault 1987)

Cimicifuga elata Nutt.
RANUNCULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2G3
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon SU, Washington S2
CANADIAN PRIORITY: 4

Cimicifuga racemosa (L.) Nutt.
RANUNCULACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Iowa SU, Illinois S1, Indiana S3, Massachusetts S1, Michigan S4, Mississippi S2
CANADIAN PRIORITY: 3

Cirsium foliosum (Hook.) DC. var. **minganense** (Victorin) Boivin
ASTERACEAE
REFERENCE: Bouchard et al. 1983
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N?T1: Quebec S1
CANADIAN PRIORITY: 3

Cirsium hillii (Canby) Fern.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: Ontario S2
U.S. RANK: Illinois S2, Indiana S2, Michigan S3, Minnesota S3, Ohio S?, Wisconsin S2S3
CANADIAN PRIORITY: 3

Cirsium pitcheri (Torr. ex Eat.) Torr. & Gray
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: Ontario S2
U.S. RANK: Illinois SX, Indiana S2, Michigan S3, Wisconsin S2
CANADIAN PRIORITY: 1
COSEWIC STATUS: threatened (Keddy 1988b)

Cirsium scariosum Nutt.
ASTERACEAE
REFERENCE: Moore & Frankton 1967, Packer & Bradley 1984, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S2, British Columbia S1
CANADIAN PRIORITY: 4

Clarkia amoena (Lehm.) A. Nels. & J.F. Macbr. ssp. **caurina** (Abrams) Lewis & Lewis
ONAGRACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5T?
CANADA RANK: N2T2: British Columbia S2
CANADIAN PRIORITY: 4

Clarkia pulchella Pursh
ONAGRACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: British Columbia S2
U.S. RANK: Wyoming S1
CANADIAN PRIORITY: 5

Clarkia rhomboidea Dougl. ex Hook.
ONAGRACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Montana S1
CANADIAN PRIORITY: 4

Claytonia arctica J.E. Adams
PORTULACACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S1S2
CANADIAN PRIORITY: 3

Claytonia cordifolia S. Wats.
PORTULACACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2?: British Columbia S2?
CANADIAN PRIORITY: 5

Claytonia ogilviensis McNeill
PORTULACACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Yukon S1
CANADIAN PRIORITY: 3

Claytonia saxosa Brandeg.
PORTULACACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Claytonia scammaniana Hultén
PORTULACACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Claytonia spathulata Dougl. ex Hook.
PORTULACACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Clethra alnifolia L.
CLETHRACEAE
REFERENCE: Maher et al 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Nova Scotia S2
U.S. RANK: Alabama SU, Maine S1
CANADIAN PRIORITY: 2
COSEWIC STATUS: threatened (Taschereau 1986)

Collinsia verna Nutt.
SCROPHULARIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Arkansas S1S2, Iowa SU, Kansas SH, New York SH, Oklahoma S1, Pennsylvania S3, Tennessee S1, Virginia S1S2, Wisconsin SH
CANADIAN PRIORITY: 1
COSEWIC STATUS: extirpated (B. Klinkenberg 1986)

Conimitella williamsii (D.C. Eat.) Rydb.
SAXIFRAGACEAE
REFERENCE: Moss 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: Alberta S2
U.S. RANK: Colorado S1, Wyoming S2
CANADIAN PRIORITY: 5

Corallorhiza odontorhiza (Willd.) Nutt.
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Arkansas S?, Connecticut S4, Delaware SH, Iowa S2, Louisiana S1, Maine S1, Massachusetts S3, Minnesota SU, Nebraska S?, New Hampshire S1, Oklahoma S1, Rhode Island S1, South Carolina S?, Vermont S1, Wisconsin SU
CANADIAN PRIORITY: 3

Coreopsis atkinsoniana = **C. tinctoria** var. **atkinsoniana**

Coreopsis lanceolata L.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Kansas S2?, Wisconsin SU
CANADIAN PRIORITY: 4

Coreopsis rosea Nutt.
ASTERACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: Nova Scotia S2
U.S. RANK: Delaware S1, Maryland SH, New Jersey S2, New York S3, Pennsylvania SX, Rhode Island S1, South Carolina S2
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (Keddy & Keddy 1984a)

Coreopsis tinctoria Nutt. var. **atkinsoniana** (Dougl. ex Lindl.) H.M. Parker ex E.B. Sm.
(C. atkinsoniana Dougl. ex Lindl.)
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N?T1: British Columbia S1
CANADIAN PRIORITY: 5
COSEWIC STATUS: under study

Coreopsis tripteris L.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Delaware S1, Kansas S1, Maryland S1, Texas S1
CANADIAN PRIORITY: 4

Cornus drummondii C.A. Mey.
CORNACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: New York S1
CANADIAN PRIORITY: 4

Corydalis flavula (Raf. ex Desv.) DC.
FUMARIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Connecticut S1, Delaware S1, Georgia S1?, Michigan S1S2, New York S1
CANADIAN PRIORITY: 3

Corydalis scouleri Hook.
FUMARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Crassula erecta (Hook. & Arn.) Berger
(Tillaea erecta Hook. & Arn.)
CRASSULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Washington S1S2
CANADIAN PRIORITY: 3

Crataegus beata Sarg.
ROSACEAE
REFERENCE: Argus et al. 1982-1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: GU
CANADA RANK: NX: Ontario SX
CANADIAN PRIORITY: 1

Crataegus brainerdii Sarg.
ROSACEAE
REFERENCE: Argus et al. 1982-1987, Phipps (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2?: Ontario S2, Quebec SU
U.S. RANK: Ohio SX
CANADIAN PRIORITY: 2

Crataegus conspecta Sarg.
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Ontario S2
CANADIAN PRIORITY: 4

Crataegus corusca Sarg.
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N3: Ontario S3
CANADIAN PRIORITY: 5

Crataegus dissona Sarg.
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Ontario S2
CANADIAN PRIORITY: 4

Crataegus dodgei Ashe var. **dodgei**
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Ontario S2
CANADIAN PRIORITY: 5

Crataegus dodgei Ashe var. **flavida** (Sarg.) P.G. Smith & Phipps
ROSACEAE
REFERENCE: Smith & Phipps 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Michigan S?
CANADIAN PRIORITY: 2

Crataegus foetida Ashe
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: NX: Ontario SX
CANADIAN PRIORITY: 3

Crataegus formosa Sarg.
ROSACEAE
REFERENCE: Argus et al. 1982-1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1Q
CANADA RANK: N1: Ontario S1
CANADIAN PRIORITY: 2

Crataegus intricata Lange
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Indiana S2
CANADIAN PRIORITY: 2

Crataegus lumaria Ashe
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Ontario S2
CANADIAN PRIORITY: 4

Crataegus margaretta Ashe
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Maryland S3
CANADIAN PRIORITY: 3

Crataegus mollis (Torr. & Gray) Scheele var. **gigantea** Kruschke
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N?T1: Ontario S1
CANADIAN PRIORITY: 4

Crataegus nitidula Sarg.
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Ontario S1
CANADIAN PRIORITY: 4

Crataegus perjucunda Sarg.
ROSACEAE
REFERENCE: Argus et al. 1982-1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Ontario S1
CANADIAN PRIORITY: 2

Crataegus persimilis Sarg.
(C. prunifolia (Poir.) Pers.)
ROSACEAE
REFERENCE: Argus et al. 1982-1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Ontario S1
CANADIAN PRIORITY: 1

Crataegus prunifolia = C. persimilis

Crataegus submollis Sarg.
ROSACEAE
REFERENCE: Hinds 1983, 1986, Roland & Smith 1969
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1N2: New Brunswick S1, Nova Scotia S1?
CANADIAN PRIORITY: 5

Crataegus suborbiculata Sarg.
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Ontario S2, Quebec S2
CANADIAN PRIORITY: 3

Crepis modocensis Greene ssp. **rostrata** (Coville) Babcock & Stebbins
ASTERACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 3

Crepis occidentalis Nutt.
(C. occidentalis Nutt. ssp. pumila (Rydb.) Babcock & Stebbins)
ASTERACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S2, British Columbia S1, Saskatchewan S1
CANADIAN PRIORITY: 4

Crepis occidentalis ssp. **pumila = C. occidentalis**

Crocidium multicaule Hook.
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Cryptantha affinis (Gray) Greene
BORAGINACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: British Columbia S2
U.S. RANK: Wyoming S2
CANADIAN PRIORITY: 5

Cryptantha ambigua (Gray) Greene
BORAGINACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Cryptantha intermedia (Gray) Greene
BORAGINACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Cryptantha kelseyana Greene
BORAGINACEAE
REFERENCE: Hudson (in litt.), Maher et al. 1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Alberta S1, Saskatchewan S1
CANADIAN PRIORITY: 4

Cryptantha minima Rydb.
BORAGINACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Alberta S1, Saskatchewan S1
U.S. RANK: South Dakota S4
CANADIAN PRIORITY: 4

Cryptogramma cascadensis Alverson ined.
ADIANTACEAE
REFERENCE: Alverson (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Cryptogramma crispa var. **sitchensis = C. sitchensis**

Cryptogramma sitchensis (Rupr.) T. Moore
(C. crispa (L.) R. Br. ex Hook. var. sitchensis (Rupr.) C. Christens.)
ADIANTACEAE
REFERENCE: Alverson (in litt.), Cody 1979, Porsild & Cody 1980, Straley (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N4: British Columbia S1, Northwest Territories (Mackenzie S2), Yukon S3
U.S. RANK: Alaska S4
CANADIAN PRIORITY: 4

Cuscuta campestris Yuncker
CUSCUTACEAE
REFERENCE: Argus et al. 1982-1987, Scoggan 1957
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Manitoba S1, Ontario S2
U.S. RANK: Maryland S2, Michigan SH, New York S1
CANADIAN PRIORITY: 2

Cuscuta cephalanthi Engelm.
CUSCUTACEAE
REFERENCE: Argus et al. 1982-1987, Hinds 1983, Roland & Smith 1969, Scoggan 1957
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Manitoba S1, New Brunswick S1, Nova Scotia S1, Ontario S2
U.S. RANK: Arkansas S?, New Jersey S1, New York SH, Pennsylvania S?, Virginia S2?
CANADIAN PRIORITY: 2

Cuscuta coryli Engelm.
CUSCUTACEAE
REFERENCE: Argus et al. 1982-1987, Scoggan 1978-1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1, Saskatchewan S1
U.S. RANK: Connecticut SH, Iowa S3, Maryland SH, New Jersey S2, Ohio S1S2, Pennsylvania S3?, Virginia S2?
CANADIAN PRIORITY: 2

Cuscuta polygonorum Engelm.
CUSCUTACEAE
REFERENCE: Argus et al. 1982-1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NH: Ontario SH
U.S. RANK: Delaware SH, Maryland SH, Michigan S2, Minnesota SU, New Jersey SH, New York S1, North Dakota S1, Pennsylvania S3S4, Virginia S1S2
CANADIAN PRIORITY: 3

Cyperus acuminatus Torr. & Hook.
CYPERACEAE
REFERENCE: Reznicek (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Indiana SX, Minnesota S3, Montana S1, Ohio S1, Virginia S2, West Virginia S1
CANADIAN PRIORITY: 4

Cyperus erythrorhizos Muhl.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Johnson (in litt.), Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: British Columbia S1, Manitoba SU, Ontario S3
U.S. RANK: Maryland S3, Montana SU, New York SH, Wyoming S1
CANADIAN PRIORITY: 3

Cyperus flavescens L. var. **poaeformis** (Pursh) Fern.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5TU
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Kansas SH, Michigan S2, New York SH
CANADIAN PRIORITY: 3

Cyperus houghtonii Torr.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N3: Manitoba S1, Ontario S2, Quebec S2
U.S. RANK: Maryland S1, Maine SH, New Hampshire S2, New York, S1, Ohio SH, Pennsylvania S1, Vermont SH, Virginia S1?
CANADIAN PRIORITY: 3

Cypripedium candidum Muhl. ex Willd.
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987, Maher et al. 1979, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: Manitoba S1, Ontario S2, Saskatchewan SX
U.S. RANK: Iowa S1, Illinois S3, Indiana S2, Kentucky S1, Michigan S2S3, Minnesota S3, Missouri SH, North Dakota S2S3, Nebraska S?, New Jersey SH, New York S1, Ohio S1, Pennsylvania SX, South Dakota S1, Wisconsin S3
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (Brownell 1981b)

Cypripedium guttatum Sw.
ORCHIDACEAE
REFERENCE: Cody 1979, Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Northwest Territories (Mackenzie S2), Yukon S2
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 2

Cypripedium passerinum Richards. var. **minganense** Victorin
ORCHIDACEAE
REFERENCE: Bouchard et al. 1983
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5T1
CANADA RANK: N?T1: Quebec S1
CANADIAN PRIORITY: 3

Cystopteris protrusa (Weatherby) Blasdell
ASPLENIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Louisiana S3, New Jersey S2, New York SH, South Carolina S?
CANADIAN PRIORITY: 3

Dalea villosa (Nutt.) Spreng. var. **villosa** *(Petalostemon villosum Nutt.)*
FABACEAE
REFERENCE: Maher et al. 1979, Harms (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N2T2: Manitoba S2, Saskatchewan S1
U.S. RANK: Iowa S1, Montana S1, Wisconsin S2
CANADIAN PRIORITY: 3

Delphinium brachycentrum Ledeb.
RANUNCULACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Delphinium burkei Greene
RANUNCULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Montana S1
CANADIAN PRIORITY: 4

Delphinium depauperatum Nutt.
RANUNCULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Deschampsia cespitosa (L.) Beauv. ssp. **alpina** (L.) Tzvelev
POACEAE
REFERENCE: Bouchard et al. (in litt.), Porsild 1964
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N5T1: Newfoundland (Labrador S1), Northwest Territories (Franklin S1), Quebec S1
CANADIAN PRIORITY: 3

Deschampsia danthonioides (Trin.) Munro
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
U.S. RANK: Wyoming S1
CANADIAN PRIORITY: 4

Deschampsia mackenzieana Raup
POACEAE
REFERENCE: Maher et al. 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Saskatchewan S1
CANADIAN PRIORITY: 2

Desmodium canescens (L.) DC.
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
CANADIAN PRIORITY: 4

Desmodium ciliare (Muhl. ex Willd.) DC.
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Kansas S?, New York S1S2, Rhode Island S1
CANADIAN PRIORITY: 2

Desmodium illinoense Gray
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Arkansas S2S3, Minnesota S2, Ohio S1
CANADIAN PRIORITY: 2

Desmodium marilandicum (L.) DC.
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Delaware S1, Kansas S2?, New Hampshire S1
CANADIAN PRIORITY: 2

Desmodium rotundifolium DC.
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Kansas S2?, New Hampshire S2, Vermont SH
CANADIAN PRIORITY: 4

Desmodium sessilifolium (Torr.) Torr. & Gray
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NH: Ontario SH
U.S. RANK: Connecticut SH, Delaware S1, Iowa S2, Maryland SH, Massachusetts SX, New Jersey S1, Ohio S?, Pennsylvania S2, Rhode Island S1, Virginia S1
CANADIAN PRIORITY: 3

Dianthus repens Willd.
CARYOPHYLLACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Dicentra uniflora Kellogg
FUMARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Dichanthelium commonsianum (Ashe) Freckmann var. **euchlamydeum** (Shinners) Freckmann
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N?T1: Ontario S1
CANADIAN PRIORITY: 4

Dichanthelium dichotomum (L.) Gould var. **dichotomum**
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Alabama S?, Connecticut SH, Florida S2?, Indiana S1, Illinois S1, Michigan S2, Mississippi S2, Missouri S1, New York SH, Vermont S4
CANADIAN PRIORITY: 3

Dichanthelium meridionale (Ashe) Freckmann
(Panicum meridionale Ashe)
POACEAE
REFERENCE: Argus et al. 1982-1987, Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Nova Scotia S1, Ontario S1
U.S. RANK: West Virginia SH
CANADIAN PRIORITY: 3

Dichanthelium oligosanthes Schultes) Gould var. **wilcoxianum** (Vasey) Gould & Clark
(Panicum wilcoxianum Vasey)
POACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N?T2: Alberta S1, Manitoba S2, Saskatchewan S1
U.S. RANK: Wisconsin SU, Wyoming S2
CANADIAN PRIORITY: 4

Dichanthelium perlongum (Nash) Freckmann
(Panicum perlongum Nash)
POACEAE
REFERENCE: Argus et al. 1982-1987, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Manitoba S1, Ontario S3
U.S. RANK: Iowa S1, Kansas S?, Wyoming S1
CANADIAN PRIORITY: 3

Dichanthelium sphaerocarpon (Ell.) Gould var. **sphaerocarpon**
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N3T3: Ontario S3
U.S. RANK: Missouri S1?, New Hampshire SH, New York S4, Vermont S1
CANADIAN PRIORITY: 4

Dichanthelium villosissimum (Nash) Freckmann var. **praecocius** (Hitchc. & Chase) Freckmann
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Ontario S2
U.S. RANK: North Dakota S1
CANADIAN PRIORITY: 3

Disporum lanuginosum (Michx.) Nichols.
LILIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Arkansas S2
CANADIAN PRIORITY: 5

Disporum smithii (Hook.) Piper
LILIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Dodecatheon dentatum Hook.
PRIMULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: British Columbia S2
U.S. RANK: Idaho S2
CANADIAN PRIORITY: 4

Dodecatheon hendersonii Gray ssp. **hendersonii**
PRIMULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: British Columbia S2
U.S. RANK: Idaho S1
CANADIAN PRIORITY: 4

Douglasia laevigata Gray ssp. **ciliolata** (Constance) Calder & Taylor
PRIMULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5

Douglasia montana Gray
PRIMULACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4?
CANADA RANK: N1: Alberta S1, British Columbia S1
U.S. RANK: Montana SU
CANADIAN PRIORITY: 3

Downingia elegans (Dougl. ex Lindl.) Torr.
CAMPANULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NH: British Columbia SH
CANADIAN PRIORITY: 5

Downingia laeta (Greene) Greene
PRIMULACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4
CANADA RANK: N1: Alberta S1, Saskatchewan S1
U.S. RANK: Montana SU, Oregon SU, Wyoming S1
CANADIAN PRIORITY: 4

Draba densifolia Nutt.
BRASSICACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Alberta S1, British Columbia S1
U.S. RANK: Montana SU, Wyoming S1
CANADIAN PRIORITY: 4

Draba glabella Pursh var. **pycnosperma** (Fern. & Knowlton) Mulligan
(D. hirta L. var. pycnosperma (Fern. & Knowlton) Boivin)
BRASSICACEAE
REFERENCE: Bouchard et al. 1983, Bouchard et al. 1987, Roland & Smith 1969
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5T1
CANADA RANK: N4N5T1: Newfoundland (Island S1), Nova Scotia S1, Quebec S1
CANADIAN PRIORITY: 3

Draba hirta var. **pycnosperma** = D. **glabella** var. **pycnosperma**

Draba kananaskis Mulligan
BRASSICACEAE
REFERENCE: Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Alberta S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 3

Draba kluanel Mulligan
BRASSICACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Yukon S1
CANADIAN PRIORITY: 3

Draba lonchocarpa Rydb. var. **thompsonii** (C.L. Hitchc.) Rollins
BRASSICACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T?
CANADA RANK: N?T1: British Columbia S1
CANADIAN PRIORITY: 3

Draba lonchocarpa Rydb. var. **vestita** O.E. Schulz
BRASSICACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T2
CANADA RANK: N?T2: British Columbia S2
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 1

Draba murrayi Mulligan
BRASSICACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1G3Q
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 1

Draba ogilviensis Hultén
BRASSICACEAE
REFERENCE: Douglas et al. 1981, Porsild & Cody 1980
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Northwest Territories (Mackenzie S1), Yukon S2
CANADIAN PRIORITY: 3

Draba peasei Fern.
BRASSICACEAE
REFERENCE: Bouchard et al. 1983
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: GX
CANADA RANK: NX: Quebec SX
CANADIAN PRIORITY: 2

Draba ruaxes Payson & St. John
BRASSICACEAE
REFERENCE: Douglas et al. 1981, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2?Q
CANADA RANK: N2: British Columbia S1, Yukon S1
U.S. RANK: Alaska S1, Washington S1
CANADIAN PRIORITY: 2

Draba scotteri Mulligan
BRASSICACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Yukon S1
CANADIAN PRIORITY: 3

Draba stenopetala Trautv.
BRASSICACEAE
REFERENCE: Douglas et al. 1981, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: British Columbia S1, Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 2

Draba ventosa Gray
BRASSICACEAE
REFERENCE: Douglas, et al. 1981, Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S1, British Columbia S1, Yukon S1
U.S. RANK: Colorado S2, Montana S1
CANADIAN PRIORITY: 3

Draba yukonensis Porsild
BRASSICACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 3

Drosera filiformis Raf.
DROSERACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Nova Scotia S1
U.S. RANK: Connecticut S1, Florida S?, Georgia S3, New York S3, North Carolina S2, Rhode Island SH
CANADIAN PRIORITY: 1

Dryopteris arguta (Kaulfuss) Watt
ASPLENIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Arizona S3
CANADIAN PRIORITY: 5

Dryopteris robertiana = Gymnocarpium robertianum

Eburophyton austiniae (Gray) Heller
(Cephalanthera austiniae Gray)
ORCHIDACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: British Columbia S2
U.S. RANK: Idaho S2?
CANADIAN PRIORITY: 3

Echinochloa walteri (Pursh) Heller
POACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2, Quebec S1
U.S. RANK: Minnesota S3, Pennsylvania S1
CANADIAN PRIORITY: 3

Eleocharis atropurpurea (Retz.) Presl
CYPERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Kansas S2?, Michigan S1, Washington SX
CANADIAN PRIORITY: 4

Eleocharis caribaea (Rottb.) Blake
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Kansas SH, Michigan S1
CANADIAN PRIORITY: 3

Eleocharis engelmannii Steud.
(E. ovata (Roth) Roemer & Schultes var. engelmannii (Steud.) Britt.)
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Maher et al. 1979, Packer & Bradley 1984, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S1, Manitoba S1, Ontario S1, Saskatchewan S1
U.S. RANK: Maryland S3, Maine SU, Michigan S2, New York S1, West Virginia S1, Wisconsin SU
CANADIAN PRIORITY: 2

Eleocharis equisetoides (Ell.) Torr.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Ontario S1
U.S. RANK: Arkansas SH, Connecticut S1, Delaware SH, Georgia S3, Illinois SX, Indiana S1, Maryland S1, Massachusetts SX, Missouri S1, New Jersey SH, New York S1, Rhode Island S1, Tennessee S?, Virginia S1, Wisconsin SH
CANADIAN PRIORITY: 3

Eleocharis ovata var. **engelmannii** = **E. engelmannii**

Eleocharis parvula (Roemer & Schultes) Link ex Buff. & Fingerh. var. **anachaeta** (Torr.) Svenson
CYPERACEAE
REFERENCE: Maher et al. 1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?Q
CANADA RANK: N3T1: Saskatchewan S1
U.S. RANK: California SU, Iowa S2, Minnesota S?, Missouri S?, North Dakota S1
CANADIAN PRIORITY: 3

Eleocharis quadrangulata (Michx.) Roemer & Schultes
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Ontario S1
U.S. RANK: Connecticut S1, Delaware S1, Kansas S2?, Maryland S3, Massachusetts SX, New Jersey S2, New York S1, Ohio S2, Pennsylvania S1, Wisconsin SH
CANADIAN PRIORITY: 3

Eleocharis rostellata (Torr.) Torr.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Maher et al. 1978, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S1, Nova Scotia S1S2, Ontario S2
U.S. RANK: Delaware S1, Florida SH, Illinois S1S2, Kansas S?, Maine SH, Maryland S2, Minnesota S2, North Carolina S1, Ohio S3, Pennsylvania S1, South Carolina S?, South Dakota S1, Virginia S1, Washington S1S2, West Virginia S?, Wisconsin S1S2, Wyoming S2
CANADIAN PRIORITY: 2

Eleocharis tuberculosa (Michx.) Roemer & Schultes
CYPERACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Nova Scotia S1
U.S. RANK: Arkansas S?, Maine S1, New Hampshire S2, New York S2, Pennsylvania SX
CANADIAN PRIORITY: 4

Elmera racemosa (S. Wats.) Rydb.
SAXIFRAGACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon S?
CANADIAN PRIORITY: 5

Elodea bifoliata St. John
(E. longivaginata St. John)
HYDROCHARITACEAE
REFERENCE: Catling & Wojtas 1986, Cook & Urmi-Koenig 1985, Maher et al. 1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S2, Saskatchewan S1
U.S. RANK: Montana S1
CANADIAN PRIORITY: 3

Elodea longivaginata = **E. bifoliata**

Enemion biternatum Raf.
(Isopyrum biternatum (Raf.) Torr. & Gray)
RANUNCULACEAE
REFERENCE: Keener 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S2
U.S. RANK: Florida S1, Georgia SR, New York SX, North Carolina S2, South Carolina S1, South Dakota SH, Virginia S1, West Virginia S1
CANADIAN PRIORITY: 3

Enemion savilei (Calder & Taylor) Keener
(Isopyrum savilei Calder & Taylor)
RANUNCULACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 3

Epilobium glaberrimum Barbey ssp. **fastigiatum** (Nutt.) Hoch & Raven
ONAGRACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2?T2?: Alberta S1, British Columbia S2?
CANADIAN PRIORITY: 4

Epilobium halleanum Hausskn.
ONAGRACEAE
REFERENCE: Moss 1983, Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2?: Alberta S1, British Columbia S2, Saskatchewan SU
CANADIAN PRIORITY: 4

Epilobium hornemannii Reichenb. ssp. **behringianum** (Hausskn.) Hoch & Raven
ONAGRACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T3
CANADA RANK: N5T1: British Columbia S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Epilobium mirabile Trel. ex Piper
ONAGRACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4Q
CANADA RANK: N1: Alberta S1, British Columbia S1
CANADIAN PRIORITY: 3

Epilobium oregonense Hausskn.
ONAGRACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Arizona S2
CANADIAN PRIORITY: 5

Epipactis gigantea Dougl. ex Hook.
ORCHIDACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: British Columbia S2
U.S. RANK: Colorado S1, Idaho S2, Montana S1, Oklahoma S1S2, South Dakota S1, Washington S3, Wyoming S1
CANADIAN PRIORITY: 2
COSEWIC STATUS: threatened (Brunton 1984c, 1986c)

Eragrostis capillaris (L.) Nees
POACEAE
REFERENCE: Oldham (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Maine S?, Michigan SH, Nebraska S?, Vermont S1
CANADIAN PRIORITY: 3

Eragrostis spectabilis (Pursh) Steud.
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: North Dakota SU
CANADIAN PRIORITY: 4

Erigenia bulbosa (Michx.) Nutt.
APIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Georgia S1, Kansas S?, Maryland S3, New York SH, Pennsylvania S2, Virginia S2, Wisconsin SH
CANADIAN PRIORITY: 4

Erigeron hyperboreus Greene
ASTERACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 3

Erigeron hyssopifolius Michx. var. **villicaulis** Fern.
ASTERACEAE
REFERENCE: Bouchard et al. 1983, Scoggan 1978-1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1T2
CANADA RANK: N?T1T2: Newfoundland (Island S1), Quebec S1
CANADIAN PRIORITY: 3

Erigeron leibergii Piper
ASTERACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 3

Erigeron mexiae K. Becker
ASTERACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 1

Erigeron muirii Gray
ASTERACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 1

Erigeron ochroleucus Nutt. var. **scribneri** (Canby ex Rydb.) Cronquist
ASTERACEAE
REFERENCE: Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N1T1: Alberta S1
U.S. RANK: North Dakota S1
CANADIAN PRIORITY: 4

Erigeron philadelphicus L. ssp. **provancheri** (Victorin & Rouss.) J.K. Morton
ASTERACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Morton 1988
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N5T2: Ontario S2, Quebec S1
CANADIAN PRIORITY: 3

Erigeron philadelphicus L. var. **glabra** Henry
ASTERACEAE
REFERENCE: Morton 1988
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N5T1: British Columbia S1
CANADIAN PRIORITY: 3

Erigeron pollospermus Gray var. **pollospermus**
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5

Erigeron radicatus Hook.
ASTERACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: Alberta S1, Saskatchewan S1
U.S. RANK: Idaho S2, Montana S4, North Dakota S?, Wyoming S1
CANADIAN PRIORITY: 2

Erigeron salishii G. Douglas & Packer
ASTERACEAE
REFERENCE: Douglas & Packer 1988
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: British Columbia S1
U.S. RANK: Washington S2
CANADIAN PRIORITY: 1

Erigeron trifidus Hook.
ASTERACEAE
REFERENCE: Fairbarns (in litt.), Moss 1983, Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Alberta S2, British Columbia S1
CANADIAN PRIORITY: 3

Eriocaulon parkeri B.L. Robins.
ERIOCAULACEAE
REFERENCE: Bouchard et al. 1983, Hinds 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: New Brunswick S1, Quebec S2
U.S. RANK: Connecticut S1, Delaware S1, Maryland S1, Massachusetts S1, Maine S3, New Jersey S2, New York SH, North Carolina SU, Pennsylvania SX, Virginia S2S3
CANADIAN PRIORITY: 2

Eriogonum cernuum Nutt.
POLYGONACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S1, Saskatchewan S1
CANADIAN PRIORITY: 3

Eriogonum ovalifolium Nutt. var. **nivale** (Canby) M.E. Jones
POLYGONACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N?T1: British Columbia S1
CANADIAN PRIORITY: 5

Eriogonum pyrolifolium Hook. var. **coryphaeum** Torr. & Gray
POLYGONACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N1T1: British Columbia S1
U.S. RANK: Montana S2
CANADIAN PRIORITY: 4

Eriogonum strictum Benth. ssp. **proliferum** (T. & G.) Stokes
POLYGONACEAE
REFERENCE: Straley et al. 1985, (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5

Eritrichium splendens Kearney
BORAGINACEAE
REFERENCE: Cody 1979, Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 2

Erysimum arenicola S. Wats.
BRASSICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Erysimum asperum (Nutt.) DC. var. **angustatum** (Rydb.) Boivin
BRASSICACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N?T1: Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 1

Erysimum inconspicuum (S. Wats.) MacM. var. **coarctatum** (Fern.) G.B. Rossbach
BRASSICACEAE
REFERENCE: Bouchard et al. 1983, Bouchard et al. 1987, Hinds 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T2
CANADA RANK: N?T2: New Brunswick S1, Newfoundland (Island S1), Quebec S1
CANADIAN PRIORITY: 3

Erythronium montanum S. Wats.
LILIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Erythronium oregonum Applegate
LILIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: British Columbia S2
U.S. RANK: Oregon S?, Washington S?
CANADIAN PRIORITY: 4

Erythronium revolutum Sm.
LILIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: British Columbia S2
U.S. RANK: Oregon S4, Washington S3
CANADIAN PRIORITY: 4

Euonymus atropurpureus Jacq.
CELASTRACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Alabama S?, Florida S2, Georgia S3S4, Louisiana S1, Mississippi S2S3, New Jersey S2, North Carolina S2, North Dakota S1S2, South Carolina S1
CANADIAN PRIORITY: 4

Euonymus occidentalis Nutt. ex Torr.
CELASTRACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Eupatorium coelestinum L.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Kansas S?, New Jersey S3
CANADIAN PRIORITY: 4

Eupatorium dubium Willd.
ASTERACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Nova Scotia S1
U.S. RANK: Maine SX
CANADIAN PRIORITY: 4

Eupatorium purpureum L. var. **purpureum**
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N?T2: Ontario S2
CANADIAN PRIORITY: 4

Euphorbia commutata Engelm.
EUPHORBIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Florida S2?, Georgia S2S3, Michigan S3, Oklahoma S2S3, Wisconsin S1
CANADIAN PRIORITY: 3

Euphorbia geyeri = Chamaesyce geyeri

Euphorbia obtusata Pursh
EUPHORBIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Iowa S1, Maryland SH, Pennsylvania SX, Wisconsin S1
CANADIAN PRIORITY: 3

Euphrasia salisburgensis Funck var. **hibernica** Pugsley
SCROPHULARIACEAE
REFERENCE: Bouchard et al. 1987, Sell & Yeo 1970
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: NRTR: Newfoundland (Island SR)
CANADIAN PRIORITY: 5

Euphrasia vinacea Sell & Yeo
SCROPHULARIACEAE
REFERENCE: Argus et al. 1982-1987, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?Q
CANADA RANK: N1?: Manitoba S1, Newfoundland (Island SU, Labrador SU), Ontario SU
CANADIAN PRIORITY: 5

Euthamia galetorum Greene
(E. tenuifolia auct., Solidago tenuifolia auct.)
ASTERACEAE
REFERENCE: Sieren 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N3: Nova Scotia S3
CANADIAN PRIORITY: 4

Euthamia tenuifolia = E. galetorum

Festuca auriculata Dobrov
POACEAE
REFERENCE: Alexeev 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 3

Festuca brevissima Jurtz.
POACEAE
REFERENCE: Aiken (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2G3
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Festuca lenensis Drobov
(F. ovina ssp. alaskana auct.)
POACEAE
REFERENCE: Alexeev 1985, Cody 1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Festuca minutiflora Rydb.
POACEAE
REFERENCE: Aiken (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, British Columbia S2, Yukon S1
U.S. RANK: New Mexico S1
CANADIAN PRIORITY: 4

Festuca ovina ssp. **alaskana = F. lenensis**

Fimbristylis puberula (Michx.) Vahl var. **puberula**
(F. spadicia auct.)
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Kral 1971
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: Ontario S1
U.S. RANK: Kentucky S1, Maryland SH, Michigan SH, New Jersey S2, New York SH, Pennsylvania S1, Tennessee S1, Virginia S1?, Wisconsin S1
CANADIAN PRIORITY: 2

Fimbristylis spadicea = **F. puberula** var. **puberula**

Frasera caroliniensis Walt.
GENTIANACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Alabama S?, Arkansas S?, Georgia S3, Louisiana SH, Mississippi S2S3, New York S2, North Carolina S1S2, Oklahoma S1, Pennsylvania S2, South Carolina S1
CANADIAN PRIORITY: 3

Fraxinus latifolia Benth.
OLEACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Fraxinus quadrangulata Michx.
OLEACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Georgia S1, Iowa S3S4, Mississippi S2, New York SR, Oklahoma S2S3, Virginia S1, West Virginia S1, Wisconsin S1
CANADIAN PRIORITY: 1
COSEWIC STATUS: threatened (Ambrose & Aboud 1983)

Fuirena pumila Spreng.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: NX: Ontario SX
U.S. RANK: Connecticut SU, Indiana S1, Maryland S1, Massachusetts S4, New York S3, Rhode Island S1, Wisconsin S1
CANADIAN PRIORITY: 2

Galium bifolium S. Wats.
RUBIACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: Alberta S1, British Columbia S1
U.S. RANK: Arizona S4
CANADIAN PRIORITY: 4

Galium cymosum = **G. trifidum** ssp. **columbianum**

Galium pilosum Ait.
RUBIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Delaware SH, Missouri SU, New Hampshire S2, Vermont SH
CANADIAN PRIORITY: 4

Galium trifidum L. ssp. **columbianum** (Rydb.) Hultén
(G. cymosum Wieg.)
RUBIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5TU
CANADA RANK: N5T2: British Columbia S2
U.S. RANK: Alaska S3, Montana SU
CANADIAN PRIORITY: 4

Gaura biennis L.
ONAGRACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Delaware SX, Minnesota S3, South Carolina S?
CANADIAN PRIORITY: 4

Gayophytum humile Juss.
ONAGRACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Wyoming S1
CANADIAN PRIORITY: 5

Gayophytum racemosum Nutt. ex Torr. & Gray
ONAGRACEAE
REFERENCE: Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Alberta S1
CANADIAN PRIORITY: 5

Gentiana alba Muhl.
GENTIANACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Ontario S1
U.S. RANK: Arkansas S?, Indiana S1, Kansas S?, Kentucky SH, Michigan S1, North Carolina SH, Ohio S1, Pennsylvania S3, West Virginia SH, Wisconsin S2
CANADIAN PRIORITY: 1

Gentiana calycosa Griseb.
GENTIANACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Alberta S1, British Columbia S1
CANADIAN PRIORITY: 4

Gentiana nivalis L.
GENTIANACEAE
REFERENCE: Gillett 1963, Rousseau 1974
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Newfoundland (Labrador S2)
CANADIAN PRIORITY: 3

Gentiana platypetala Griseb.
GENTIANACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: British Columbia S2
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Gentiana puberulenta J. Pringle
GENTIANACEAE
REFERENCE: Argus et al. 1982-1987, Pringle (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: Manitoba S2, Ontario SH
U.S. RANK: Arkansas S2, Indiana S2, Kentucky S1, Louisiana SH, Maryland SH, Michigan SX, New York SH, Ohio S1, South Dakota S4?
CANADIAN PRIORITY: 2

Gentiana tenella = Gentianella tenella

Gentiana victorinii = Gentianopsis victorinii

Gentianella crinita ssp. **victorinii = Gentianopsis victorinii**

Gentianella quinquefolia (L.) Small ssp. **occidentalis** (A. Gray) J.M. Gillett
GENTIANACEAE
REFERENCE: Argus et al. 1982-1987, Gillett 1963
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Arkansas S?, Kansas S?, Michigan SH, Ohio S4S5
CANADIAN PRIORITY: 3

Gentianella quinquefolia (L.) Small ssp. **quinquefolia**
GENTIANACEAE
REFERENCE: Argus et al. 1982-1987, Gillett 1963
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Connecticut SHS1, Maine SX, Maryland S1, New Jersey S2, Vermont S1
CANADIAN PRIORITY: 3

Gentianella tenella (Rottb.) Borner ssp. **tenella**
(Gentiana tenella Rottb.)
GENTIANACEAE
REFERENCE: Bouchard et al. 1983, Cody 1979, Douglas et al. 1981, Hultén & Fries 1986, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T4
CANADA RANK: N3T3: British Columbia S1, Northwest Territories (Franklin S1, Keewatin S1, Mackenzie S2), Quebec S2, Yukon S1
U.S. RANK: Alaska S2, Arizona S2, Idaho S1, Montana S2, Oregon S1, Wyoming S2
CANADIAN PRIORITY: 4

Gentianopsis victorinii (Fern.) Iltis
(Gentiana victorinii Fern., Gentianella crinita (Froel.) G. Don ssp. victorinii (Fern.) J. Gillett)
GENTIANACEAE
REFERENCE: Bouchard et al. 1983
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Quebec S2
CANADIAN PRIORITY: 1
COSEWIC STATUS: vulnerable (Legault 1987b)

Gerardia maritima = Agalinis maritima

Geum calthifolium Menzies ex Sm.
ROSACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N3: British Columbia S3
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 5

Geum peckii Pursh
ROSACEAE
REFERENCE: Maher et al. 1978
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Nova Scotia S2
U.S. RANK: New Hampshire S2
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (Keddy 1986)

Geum schofieldii Calder & Taylor
ROSACEAE
REFERENCE: Straley et al. 1985, Taylor (in litt.)
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 3

Geum vernum (Raf.) Torr. & Gray
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Iowa SU, Maryland S3, Michigan S3, New Jersey S1, New York SH, North Carolina S1?, Vermont S1
CANADIAN PRIORITY: 4

Gilia capitata Sims ssp. **capitata**
POLEMONIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: British Columbia S2
CANADIAN PRIORITY: 5

Gilia sinuata Dougl. ex Benth.
POLEMONIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Montana S2S3
CANADIAN PRIORITY: 5

Gillenia trifoliata = Porteranthus trifoliatus

Githopsis specularioides Nutt.
CAMPANULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Washington S2
CANADIAN PRIORITY: 3

Gleditsia triacanthos L.
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Maryland S3S4, Minnesota SU
CANADIAN PRIORITY: 4

Glyceria leptostachya Buckl.
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Gnaphalium norvegicum Gunn
ASTERACEAE
REFERENCE: Bouchard et al. 1983, Bouchard et al. 1987, Hultén 1958
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Newfoundland (Island S1, Labrador S2), Quebec S2
CANADIAN PRIORITY: 3

Gnaphalium purpureum L.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Iowa S1, Maine SX, Massachusetts S1, Montana SU, New York S1, Rhode Island S1
CANADIAN PRIORITY: 2

Gratiola neglecta Torr. var. **glaberrima** Fern.
SCROPHULARIACEAE
REFERENCE: Bouchard et al. 1983
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N?T1: Quebec S1
CANADIAN PRIORITY: 3

Gymnocarpium robertianum (Hoffmann) Newman
(Dryopteris robertiana (Hoffmann) C. Chr.)
ASPLENIACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Bouchard et al. 1987, Hinds 1983, Pryer (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Manitoba S1, New Brunswick S1, Newfoundland (Island S2), Ontario S2, Quebec S3
U.S. RANK: Iowa S2, Michigan S1S2, Minnesota S1, Pennsylvania SX, Wisconsin S1S2
CANADIAN PRIORITY: 2

Gymnocladus dioicus (L.) K. Koch
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Alabama S?, Maryland SH, Michigan S3S4, Mississippi S2, New York S1, South Dakota S2, Virginia S1S2, Wisconsin SE?
CANADIAN PRIORITY: 1
COSEWIC STATUS: threatened (Ambrose 1983)

Habenaria straminea = Platanthera albida var. straminea

Hackelia ciliata (Douglas ex Lehm.) I.M. Johnston
BORAGINACEAE
REFERENCE: Gentry & Carr 1976
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: British Columbia S1
U.S. RANK: Idaho S1, Washington S3
CANADIAN PRIORITY: 2

Hackelia diffusa (Dougl. ex Lehm.) I.M. Johnston var. **diffusa**
BORAGINACEAE
REFERENCE: Gentry & Carr 1976, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4T?
CANADA RANK: N2T2: British Columbia S2
U.S. RANK: Oregon SU, Washington S?
CANADIAN PRIORITY: 5

Halimolobos virgata (Nutt.) O.E. Schulz
BRASSICACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2G3
CANADA RANK: N2: Alberta S1, Saskatchewan S1
U.S. RANK: California SU
CANADIAN PRIORITY: 4

Halimolobos whitedii (Piper) Rollins
BRASSICACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 3

Hammarbya paludosa = Malaxis paludosa

Haplopappus bloomeri (Hook.) Gray
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Idaho SU
CANADIAN PRIORITY: 5
COSEWIC STATUS: under study

Haplopappus carthamoides (Hook.) Gray var. **carthamoides**
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: British Columbia S1
U.S. RANK: Wyoming S1
CANADIAN PRIORITY: 5

Haplopappus macleanii Brandegee *(Stenotus borealis Rydb.)*
ASTERACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Yukon S2
CANADIAN PRIORITY: 3

Haplopappus uniflorus (Hook.) Torr. & Gray ssp. **uniflorus**
ASTERACEAE
REFERENCE: Cody 1979, Packer & Bradley 1984, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T?
CANADA RANK: N2T2: Alberta S2, Northwest Territories (Mackenzie S1)
CANADIAN PRIORITY: 4

Hedysarum occidentale Greene var. **occidentale**
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4?T?
CANADA RANK: N1T1: British Columbia S1
U.S. RANK: South Dakota SU
CANADIAN PRIORITY: 5

Helianthella uniflora (Nutt.) Torr. & Gray
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Hemicarpha micrantha (Vahl) Pax
CYPERACEAE
REFERENCE: Argus et. al. 1982-1987, Bouchard et al. 1983, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1, Ontario S1, Quebec S1
U.S. RANK: Connecticut S1, Maryland S1, Maine S1, Michigan S3, New Hampshire S2, New Jersey S1, New York S1, North Carolina S1, North Dakota S1?, Ohio S2, Pennsylvania S1, South Carolina S2, Virginia S1?, Wyoming S1
CANADIAN PRIORITY: 2
COSEWIC STATUS: under study

Heterocodon rariflorum Nutt.
CAMPANULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
U.S. RANK: Montana S1, Wyoming S1
CANADIAN PRIORITY: 4

Heuchera americana L. var. **americana**
SAXIFRAGACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Louisiana S2, Mississippi S4?
CANADIAN PRIORITY: 4

Hibiscus laevis All.
MALVACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Maryland S3, Michigan SH, Nebraska S?, Pennsylvania S3S4, West Virginia S2
CANADIAN PRIORITY: 2

Hibiscus moscheutos L. ssp. **moscheutos**
MALVACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N3T3: Ontario S3
U.S. RANK: Michigan S3, Wisconsin SH
CANADIAN PRIORITY: 4
COSEWIC STATUS: vulnerable (Ford 1987)

Hieracium longipilum Torr.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: NH: Ontario SH
U.S. RANK: Kentucky S2, Minnesota SU, Nebraska S?, Ohio S1
CANADIAN PRIORITY: 2

Hieracium scabrum Michx. var. **leucocaule** Fern. & St. John
ASTERACEAE
REFERENCE: Catling et al. 1984
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N5T1: Nova Scotia S1
CANADIAN PRIORITY: 2

Hieracium venosum L. var. **nudicaule** (Michx.) Farw.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T4
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Indiana S2, Maine SX, Rhode Island S3
CANADIAN PRIORITY: 3

Hordeum depressum (Scribn. & Smith) Rydb.
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Huperzia miyoshiana (Makino) Ching
(Huperzia selago (L.) Bernh. var. miyoshiana (Makino) Taylor & MacBryde, Lycopodium selago L. var. miyoshianum (Makino) Makino
LYCOPODIACEAE
REFERENCE: Beitel (in litt.), Brunton (in litt.), Calder & Taylor 1968, Hultén & Fries 1986, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4
CANADA RANK: N3: British Columbia S3, Newfoundland (Island S1), Yukon S1?
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Huperzia selago var. **miyoshiana** = **Huperzia miyoshiana**

Hutchinsia procumbens = **Hymenolobus procumbens**

Hybanthus concolor (T.F. Forst.) Spreng.
VIOLACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Connecticut SH, Florida S1, Iowa S2, Maryland S3, Michigan S3, Mississippi S2, New Jersey S1, Vermont S1, Wisconsin SH
CANADIAN PRIORITY: 3

Hydrastis canadensis L.
RANUNCULACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Ontario S2
U.S. RANK: Alabama S2, Arkansas S?, Connecticut S1, Delaware S1, Georgia S1, Iowa S1, Illinois S4, Indiana S3, Kentucky S4, Louisiana S?, Maryland S1, Massachusetts S1, Michigan S2, Minnesota S1, Mississippi S1, New York S2, North Carolina S2, Oklahoma SU, Pennsylvania S4, Tennessee S3, Vermont S1, Virginia S2, West Virginia S4, Wisconsin S3S4
CANADIAN PRIORITY: 1

Hydrocotyle ranunculoides L. f.
APIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Georgia S3, Illinois S1, Kansas S2?, Maryland S3, New Jersey S1, West Virginia S4
CANADIAN PRIORITY: 4

Hydrocotyle umbellata L.
APIACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Nova Scotia S2
U.S. RANK: New York S3, Ohio S1, Pennsylvania S?
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (Wilson 1985)

Hydrocotyle verticillata Thunb.
APIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Maryland S1, Massachusetts S3, Missouri S1SH, New Jersey S2, New York S1, Oregon S1, Rhode Island S1
CANADIAN PRIORITY: 3

Hydrophyllum appendiculatum Michx.
HYDROPHYLLACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Alabama S?, Kansas S?, Mississippi S1, Nebraska S?, Tennessee S4S5
CANADIAN PRIORITY: 4

Hydrophyllum fendleri (Gray) Heller
HYDROPHYLLACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Wyoming S2
CANADIAN PRIORITY: 5

Hydrophyllum tenuipes Heller
HYDROPHYLLACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Hymenolobus procumbens (L.) Nutt. ex Torr. & Gray
(Hutchinsia procumbens (L.) Desv.)
BRASSICACEAE
REFERENCE: Bouchard et al. 1987, Maher et al. 1979, Scoggan 1978-1979, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S1, Manitoba S1, Newfoundland (Island S1, Labrador S1), Saskatchewan S1
U.S. RANK: Montana S1
CANADIAN PRIORITY: 4

Hymenopappus filifolius Hook. var. **polycephalus** (Osterhout) B.L. Turner
ASTERACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T4T5
CANADA RANK: N3T3: Alberta S2, Saskatchewan S2
CANADIAN PRIORITY: 4

Hymenophyllum wrightii Bosch
(Mecodium wrightii (Bosch) Copeland)
HYMENOPHYLLACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2G3
CANADA RANK: N2: British Columbia S2
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 2

Hymenoxys acaulis (Pursh) Parker var. **glabra** (Gray) Parker
ASTERACEAE
REFERENCE: Argus et al. 1982-1987, Anonymous 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T1T2
CANADA RANK: N?T2: Ontario S2
U.S. RANK: Illinois SX, Ohio S1
CANADIAN PRIORITY: 1

Hypericum formosum = H. scouleri ssp. nortoniae

Hypericum gentianoides (L.) B.S.P.
CLUSIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Iowa SX, Michigan S3, Oklahoma S4, Vermont S2
CANADIAN PRIORITY: 2

Hypericum prolificum L.
CLUSIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Delaware S1, New Jersey S1, New York S1
CANADIAN PRIORITY: 3

Hypericum scouleri Hook. ssp. **nortoniae** (M.E. Jones) J.M. Gillett
(H. formosum auct.)
CLUSIACEAE
REFERENCE: Gillett & Robson 1981, Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5T?
CANADA RANK: N3T2: Alberta S1, British Columbia S1
CANADIAN PRIORITY: 4

Idahoa scapigera (Hook.) A. Nels. & J.F. Macbr.
BRASSICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
U.S. RANK: Montana S1
CANADIAN PRIORITY: 5

Iliamna rivularis (Dougl. ex Hook.) Greene
MALVACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S1, British Columbia S2
CANADIAN PRIORITY: 4

Impatiens aurella Rydb.
BALSAMINACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon SU
CANADIAN PRIORITY: 5

Ipomoea pandurata (L.) G.F.W. Mey.
CONVOLVULACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Nebraska S?, New York SH
CANADIAN PRIORITY: 3

Ipomopsis minutiflora (Benth.) V. Grant
POLEMONIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Iris brevicaulis Raf.
IRIDACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Ontario S1
U.S. RANK: Kansas SH, Ohio S1, Oklahoma S1S3, Tennessee S1
CANADIAN PRIORITY: 3

Iris lacustris Nutt.
IRIDACEAE
REFERENCE: Argus et al. 1982-1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N3: Ontario S3
U.S. RANK: Michigan S3, Wisconsin S2
CANADIAN PRIORITY: 1

Iris missouriensis Nutt.
IRIDACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S1, British Columbia S2
U.S. RANK: North Dakota S2, Nebraska S?
CANADIAN PRIORITY: 1

Iris setosa Pallas ex Link var. **interior** E. Anders.
IRIDACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?T?
CANADA RANK: N5?T1: Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Iris setosa Pallas ex Link var. **setosa**
IRIDACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?T?
CANADA RANK: N5?T1: British Columbia S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Isoetes bolanderi Engelm. var. **bolanderi**
ISOETACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3?T?
CANADA RANK: N1T1: Alberta S1, British Columbia S1
U.S. RANK: Arizona S2, Nevada S?
CANADIAN PRIORITY: 4

Isoetes eatonii Dodge
ISOETACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Ontario S1
U.S. RANK: Connecticut SH, Massachusetts S1, New Hampshire S1, New Jersey S1, New York SH
CANADIAN PRIORITY: 2

Isoetes engelmannii A. Braun
ISOETACEAE
REFERENCE: Britton (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?
CANADA RANK: N1: Ontario S1
U.S. RANK: Alabama S?, Delaware S1, Indiana S1, Maryland S3, Mississippi S1S2, New Hampshire S2, Ohio S?, Rhode Island S1, Vermont S1?
CANADIAN PRIORITY: 3

Isoetes hieroglyphica A.A. Eat.
ISOETACEAE
REFERENCE: Kott & Britton 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1G2
CANADA RANK: N1: New Brunswick S1, Quebec S1
U.S. RANK: Maine S1, Wisconsin S1
CANADIAN PRIORITY: 2

Isoetes nuttallii A. Br. ex Engelm.
ISOETACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
U.S. RANK: Montana SU, Oregon SU, Washington SU
CANADIAN PRIORITY: 3

Isopyrum biternatum = Enemion biternatum

Isopyrum savilei = Enemion savilei

Isotria medeoloides (Pursh) Raf.
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: NX: Ontario SX
U.S. RANK: Connecticut S1, Delaware S1, Georgia S1, Illinois S1, Maine S2, Maryland SH, Massachusetts S1, Michigan S1, Missouri SH, New Hampshire S2, New Jersey S1, New York SH, North Carolina S1, Pennsylvania S1, Rhode Island S1, South Carolina S1, Tennessee S1, Vermont SH, Virginia S1
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (Brownell 1981c)

Isotria verticillata (Muhl. ex Willd.) Raf.
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Alabama S?, Connecticut S4, Illinois S1, Indiana S2, Louisiana S3, Maine S1, Massachusetts S3S4, Michigan S2S3, Missouri S1, Mississippi S4?, New Hampshire S1, Oklahoma S1S2, Rhode Island S3, Texas S1, Vermont S1
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (R. Klinkenberg 1986)

Jaumea carnosa (Less.) Gray
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Juncus biflorus Ell.
JUNCACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Massachusetts S1, Michigan S2S3, West Virginia SH
CANADIAN PRIORITY: 3

Juncus bolanderi Engelm.
JUNCACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 4

Juncus brachycarpus Engelm.
JUNCACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Kansas S?, Maryland SH, Michigan S1, Minnesota SU, New Jersey S1, New York SH, Pennsylvania SRF, West Virginia S1
CANADIAN PRIORITY: 3

Juncus bulbosus L.
JUNCACEAE
REFERENCE: Bouchard et al. 1987, Maher et al. 1978, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S1, Newfoundland (Island S1), Nova Scotia S1
CANADIAN PRIORITY: 4

Juncus covillei Piper var. **covillei**
JUNCACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5T?
CANADA RANK: N2T2: British Columbia S2
CANADIAN PRIORITY: 5

Juncus kelloggii Engelm.
JUNCACEAE
REFERENCE: Ertter 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3?
CANADA RANK: N1: British Columbia S1
U.S. RANK: California S2, Oregon S2, Washington S1
CANADIAN PRIORITY: 3

Juncus lesueurii Boland.
JUNCACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Juncus nevadensis S. Wats. var. **columbianus** (Coville) St. John
JUNCACEAE
REFERENCE: Straley (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N2T1: British Columbia S1
CANADIAN PRIORITY: 5

Juncus nevadensis S. Wats. var. **nevadensis**
JUNCACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984, Straley (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N2T2: Alberta S1, British Columbia S1, Saskatchewan S1
CANADIAN PRIORITY: 4

Juncus oxymeris Engelm.
JUNCACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Juncus regelii Buch.
JUNCACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2?: British Columbia S2?
U.S. RANK: California SU, Wyoming S2
CANADIAN PRIORITY: 5

Juncus secundus Beauv. ex Poir.
JUNCACEAE
REFERENCE: Argus et al. 1982-1987, Roland & Smith 1969
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?
CANADA RANK: N2: Nova Scotia S1, Ontario S2
U.S. RANK: Indiana S1X, Kansas S?, New Hampshire S2, Ohio S2
CANADIAN PRIORITY: 3

Justicia americana (L.) Vahl
ACANTHACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2, Quebec S2
U.S. RANK: Delaware SH, Iowa S1, Louisiana S2, Michigan S1, New Jersey S3
CANADIAN PRIORITY: 2
COSEWIC STATUS: threatened (Gauvin 1984b)

Koeleria asiatica Domin
POACEAE
REFERENCE: Cody 1979, Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 2

Krigia biflora (Walt.) Blake
ASTERACEAE
REFERENCE: Argus et al. 1982-1987, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Manitoba S1, Ontario S2
U.S. RANK: Delaware SH, Kansas S?, Maryland S3
CANADIAN PRIORITY: 4

Lachnanthes caroliana (Lam.) Dandy
(L. tinctoria (Walt.) Ell.)
HAEMODORACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Nova Scotia S1
U.S. RANK: Connecticut S1, Delaware S1, Louisiana S3S4, Maryland S1, Massachusetts S3, New York S1, Rhode Island S1, Tennessee S1, Virginia S1
CANADIAN PRIORITY: 4

Lachnanthes tinctoria = L. caroliana

Lactuca floridana (L.) Gaertn.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Manitoba S1, Ontario S2
U.S. RANK: Minnesota SU, New York SH, South Dakota S2
CANADIAN PRIORITY: 2

Lactuca terrae-novae Fern.
ASTERACEAE
REFERENCE: Bouchard et al. 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Newfoundland (Island S1)
CANADIAN PRIORITY: 3

Lasthenia minor (DC.) Ornduff ssp. **maritima** (Gray) Ornduff
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T4
CANADA RANK: N1T1: British Columbia S1
U.S. RANK: California S3, Oregon S4
CANADIAN PRIORITY: 5

Lathyrus littoralis (Nutt. ex Torr. & Gray) Endl.
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Lechea intermedia Leggett ex Britt. var. **depauperata** Hodgdon
(L. minor L. var. depauperata (Hodgdon) Boivin)
CISTACEAE
REFERENCE: Maher et al. 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N?T1: Saskatchewan S1
CANADIAN PRIORITY: 3

Lechea maritima Leggett ex B.S.P. var. **subcylindrica** Hodgdon
CISTACEAE
REFERENCE: Catling 1987, Hinds 1983
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N?T1: New Brunswick S1, Prince Edward Island S1
CANADIAN PRIORITY: 3

Lechea minor L.
CISTACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NH: Ontario SH
U.S. RANK: Michigan SH, New York S4, Ohio S2, Vermont SH
CANADIAN PRIORITY: 3

Lechea minor var. **depauperata** = **L. intermedia** var. **depauperata**

Lechea pulchella Raf.
CISTACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Michigan S1, Ohio S2, Tennessee S1, West Virginia SH
CANADIAN PRIORITY: 3

Lechea villosa Ell.
CISTACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Delaware SH, Iowa S1, Kansas S?, Maryland S3, Ohio S3, Vermont S1
CANADIAN PRIORITY: 4

Lepidium densiflorum Schrad. var. **pubicarpum** (A. Nels.) Thellung
BRASSICACEAE
REFERENCE: Douglas (in litt.), Mulligan 1961
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N5T1: British Columbia S1
CANADIAN PRIORITY: 5

Lepidium oxycarpum Torr. & Gray
BRASSICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: NX: British Columbia SX
U.S. RANK: Washington S?
CANADIAN PRIORITY: 3

Leptodactylon pungens (Torr.) Nutt. ex Rydb.
POLEMONIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Idaho S1, Nebraska S?, Oregon S2
CANADIAN PRIORITY: 4

Leptoloma cognatum (Schultes) Chase
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: New Hampshire S3, Pennsylvania S2, Virginia S3
CANADIAN PRIORITY: 4

Lespedeza violacea (L.) Pers.
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Maryland S3, Massachusetts S3, Nebraska S?, New York SH, Vermont S1, Wisconsin SU
CANADIAN PRIORITY: 3

Lespedeza virginica (L.) Britt.
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Iowa S1, New Hampshire S1, Wisconsin S1
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (Pratt 1986)

Leucospora multifida (Michx.) Nutt.
SCROPHULARIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Iowa SX, New York SH
CANADIAN PRIORITY: 3

Lewisia columbiana (T.J. Howell) B.J. Robins. var. **columbiana**
PORTULACACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T4
CANADA RANK: N1T1: British Columbia S1
U.S. RANK: Oregon S2
CANADIAN PRIORITY: 5

Lewisia pygmaea (Gray) B.L. Robins. ssp. **pygmaea**
PORTULACACEAE
REFERENCE: Douglas et al. 1981, Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Alberta S1, British Columbia S2, Yukon S1
CANADIAN PRIORITY: 4

Lewisia triphylla (S. Wats.) B.L. Robins.
PORTULACACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Wyoming S2
CANADIAN PRIORITY: 5

Lewisia tweedyi (Gray) B.L. Robins.
PORTULACACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2G4
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 3

Liatris aspera Michx. var. **intermedia** (Lunell) Gaiser
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5T?
CANADA RANK: N2T2: Ontario S2
U.S. RANK: North Carolina S1S2, Virginia S1
CANADIAN PRIORITY: 4

Liatris spicata (L.) Willd.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Delaware SH, Maryland S3, Missouri S1?, Wisconsin S3
CANADIAN PRIORITY: 4
COSEWIC STATUS: vulnerable (Allen 1988a)

Ligusticum calderi Mathias & Constance
APIACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 3

Ligusticum canbyi Coult. & Rose
APIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
U.S. RANK: Wyoming S1
CANADIAN PRIORITY: 5

Ligusticum scoticum L. ssp. **hultenii** (Fern.) Calder & Taylor
APIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T3
CANADA RANK: N5T2: British Columbia S2
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Ligusticum verticillatum (Geyer) Coult. & Rose
APIACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Montana S2S3
CANADIAN PRIORITY: 2

Lilaea scilloides (Poir.) Hauman
JUNCAGINACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, British Columbia S1, Saskatchewan S1
U.S. RANK: Montana S1, Oregon SU
CANADIAN PRIORITY: 3

Lilaeopsis chinensis (L.) Kuntze
APIACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Nova Scotia S2
U.S. RANK: Connecticut S2S3, Maine S1, New Hampshire S2, New York S3
CANADIAN PRIORITY: 4
COSEWIC STATUS: vulnerable (Keddy 1987a)

Lilaeopsis occidentalis Coult. & Rose
APIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Limnanthes macounii Trel.
LIMNANTHACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N3: British Columbia S3
CANADIAN PRIORITY: 2
COSEWIC STATUS: vulnerable (Ceska 1988)

Linanthus bicolor (Nutt.) Greene
POLEMONIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Linanthus harknessii (Curran) Greene var. **harknessii**
POLEMONIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5

Linaria canadensis (L.) Dum.-Cours. var. **canadensis**
SCROPHULARIACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5T?
CANADA RANK: N3T2: Ontario S1, Quebec S2
U.S. RANK: Minnesota SU, Ohio S1S2, West Virginia S1
CANADIAN PRIORITY: 3

Linaria canadensis (L.) Dum.-Cours. var. **texana** (Scheele) Pennell
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T4
CANADA RANK: N3T2: British Columbia S2
U.S. RANK: Wyoming S2
CANADIAN PRIORITY: 5

Lindernia anagallidea = **L. dubia** var. **anagallidea**

Lindernia dubia (L.) Pennell var. **anagallidea** (Michx.) Cooperrider
(L. anagallidea (Michx.) Pennell)
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N?T1: British Columbia S1
U.S. RANK: Arizona S2, Idaho S4, Maine SX, Michigan S2S3, New Hampshire S2, North Dakota SU, Oregon SU, Vermont SH, Washington S1S2, West Virginia S2
CANADIAN PRIORITY: 4

Lindernia dubia (L.) Pennell var. **inundata** (Pennell) Pennell
SCROPHULARIACEAE
REFERENCE: Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T3
CANADA RANK: N?T1: Quebec S1
U.S. RANK: Delaware S1, New York SH
CANADIAN PRIORITY: 4

Linnaea borealis L. ssp. **borealis**
CAPRIFOLIACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N5T1: Yukon S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Linum lewisii Pursh ssp. **lepagei** (Boivin) Mosquin
LINACEAE
REFERENCE: Argus et al. 1982-1987, Mosquin 1971, White & Johnson 1980
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5T2
CANADA RANK: N?T2: Manitoba S1, Northwest Territories (Keewatin S1), Ontario S2
CANADIAN PRIORITY: 3

Linum medium (Planch.) Britt. var. **medium**
LINACEAE
REFERENCE: Argus et al. 1982-1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N3T2: Ontario S2
CANADIAN PRIORITY: 2

Linum medium (Planch.) Britt. var. **texanum** (Planch.) Fern.
LINACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N3T1: Ontario S1
U.S. RANK: Iowa SX, Kansas S2?, New York S1
CANADIAN PRIORITY: 3

Linum striatum Walt.
LINACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Indiana S2, New York S3
CANADIAN PRIORITY: 4

Linum virginianum L.
LINACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Michigan S2
CANADIAN PRIORITY: 3

Liparis liliifolia (L.) L.C. Rich. ex Ker-Gawl.
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Arkansas S?, Connecticut S1, Delaware S1, Georgia S3, Iowa S3, Minnesota SU, New Hampshire SX, New York S1S3, Rhode Island S1, Vermont S1
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (Allen 1988b)

Lippia lanceolata = Phyla lanceolata

Liriodendron tulipifera L.
MAGNOLIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Vermont SH
CANADIAN PRIORITY: 4

Listera australis Lindl.
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Hinds 1983, Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: New Brunswick S1, Nova Scotia S1, Ontario S2, Quebec S2
U.S. RANK: Arkansas S?, Georgia S3, Kentucky S1, Maryland S2, New Jersey S1, New York S1S3, North Carolina S2, Oklahoma S1, Pennsylvania S1, South Carolina S?, Tennessee S1, Virginia S3, Vermont S1
CANADIAN PRIORITY: 2

Lithospermum latifolium Michx.
BORAGINACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Kansas S1, Maryland SH, Michigan S2, Pennsylvania S?, South Dakota S1, Virginia S1, West Virginia SU
CANADIAN PRIORITY: 3

Lomatium brandegei (Coult. & Rose) J.F. Macbr.
APIACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 3

Lomatium cous (S. Wats.) Coult. & Rose
APIACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Alberta S1, Saskatchewan S1
CANADIAN PRIORITY: 4

Lomatium orientale Coult. & Rose
APIACEAE
REFERENCE: Maher et al. 1979, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Manitoba S1, Saskatchewan S1
U.S. RANK: Iowa S1
CANADIAN PRIORITY: 4

Lomatium sandbergii (Coult. & Rose) Coult. & Rose
APIACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, British Columbia S2
CANADIAN PRIORITY: 3

Lonicera caerulea L. var. **cauriana** (Fern.) Boivin
CAPRIFOLIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N1T1: British Columbia S1
U.S. RANK: Wyoming S1
CANADIAN PRIORITY: 5

Lophiola americana = L. aurea

Lophiola aurea Ker-Gawl.
(L. americana (Pursh) Wood)
HAEMODORACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Nova Scotia S2
U.S. RANK: Delaware SH, Georgia S3, Louisiana S3S4, North Carolina S1
CANADIAN PRIORITY: 1
COSEWIC STATUS: threatened (Keddy 1987b)

Lophotocarpus spongiosus = Sagittaria calycina var. **spongiosa**

Lotus formosissimus Greene
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 4

Lotus micranthus Benth.
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 4

Lotus pinnatus Hook.
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Ludwigia alternifolia L.
ONAGRACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Michigan S2, Nebraska S?
CANADIAN PRIORITY: 3

Ludwigia polycarpa Short & Peter
ONAGRACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Ontario S2
U.S. RANK: Connecticut SH, Idaho S1?, Kansas S?, Massachusetts S2, New York SR, Pennsylvania SH, Vermont S1, West Virginia SU
CANADIAN PRIORITY: 3

Luina nardosmia var. **glabrata = Cacaliopsis nardosmia**

Lupinus arbustus Dougl. ex Lindl. ssp. **neolaxiflorus** D. Dunn
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5

Lupinus arbustus Dougl. ex Lindl. ssp. **pseudoparviflorus** (Rydb.) Dunn
FABACEAE
REFERENCE: Dunn & Gillett 1966
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5

Lupinus bicolor Lindl.
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 4

Lupinus lepidus Dougl. ex Lindl.
FABACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S2, British Columbia S2
U.S. RANK: California SU
CANADIAN PRIORITY: 4

Lupinus lepidus p.p. = **L. minimus**

Lupinus leucophyllus Dougl. ex Lindl.
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Lupinus littoralis Dougl.
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Lupinus minimus Dougl. ex Hook.
(L. lepidus Dougl. ex Lindl. p.p.)
FABACEAE
REFERENCE: Moss 1983, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S2, British Columbia S1
CANADIAN PRIORITY: 4

Lupinus perennis L. ssp. **perennis**
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T3T4
CANADA RANK: N3T3: Ontario S3
U.S. RANK: Iowa SX, Maine SH, Maryland S3, New Hampshire S1, Ohio S3, Pennsylvania S2S3, Vermont SH
CANADIAN PRIORITY: 4

Lupinus polycarpus Greene
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 4

Lupinus rivularis Dougl. ex Lindl.
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Lupinus sulphureus Dougl. ex Hook.
FABACEAE
REFERENCE: Dunn & Gillett 1966, Taylor 1974
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
U.S. RANK: Oregon S?
CANADIAN PRIORITY: 5

Lupinus vallicola Heller ssp. **apricus** (Greene) Dunn
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5

Lupinus wyethii S. Wats.
FABACEAE
REFERENCE: Crins (in litt.), Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, British Columbia S2
CANADIAN PRIORITY: 4

Luzula hitchcockii Hamet-Ahti
JUNCACEAE
REFERENCE: Hämet-Ahti 1971, Packer & Bradley 1984, Packer (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, British Columbia S1
CANADIAN PRICRITY: 4

Lycopodium selago var. **miyoshianum** = **Huperzia miyoshiana**

Lycopus americanus Muhl. ex Bart. var. **laurentianus** (Rolland-Germain) Boivin
LAMIACEAE
REFERENCE: Bouchard et al. 1983
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T2
CANADA RANK: N?T2: Quebec S2
CANADIAN PRIORITY: 3

Lycopus rubellus Moench
LAMIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Iowa SU, Kansas S2?, Maryland S3, New Hampshire S2, New Jersey S2, New York SH, Pennsylvania S?
CANADIAN PRIORITY: 3

Lycopus virginicus L.
LAMIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Minnesota SU
CANADIAN PRIORITY: 4

Lythrum alatum Pursh
LYTHRACEAE
REFERENCE: Argus et al. 1982-1987, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: British Columbia S1, Ontario S3
U.S. RANK: Maryland S1, Virginia S1, West Virginia S1
CANADIAN PRIORITY: 5

Machaeranthera tanacetifolia (Kunth) Nees
ASTERACEAE
REFERENCE: Packer & Bradley 1984, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: NX: Alberta SX
CANADIAN PRIORITY: 4

Madia minima (Gray) Keck
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Montana SU
CANADIAN PRIORITY: 5

Magnolia acuminata L.
MAGNOLIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Florida S2, Indiana S1, Oklahoma S1S2
CANADIAN PRIORITY: 2
COSEWIC STATUS: endangered (Ambrose & Aboud 1984a)

Malaxis diphyllos Cham.
(M. monophyllos (L.) Sw. var. diphyllos (Cham.) Luer)
ORCHIDACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Alaska S?
CANADIAN PRIORITY: 5

Malaxis monophyllos var. **diphyllos = M. diphyllos**

Malaxis paludosa (L.) Sw.
(Hammarbya paludosa (L.) Kuntze)
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987, Cody 1983, Maher et al. 1979, Packer & Bradley 1984, Straley et al. 1985, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Alberta S1, British Columbia S2, Manitoba S1, Northwest Territories (Mackenzie S1), Ontario S1, Saskatchewan S2
U.S. RANK: Alaska S2, Minnesota S1
CANADIAN PRIORITY: 3

Marah oreganus (Torr. & Gray) T.J. Howell
CUCURBITACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Mecodium wrightii = Hymenophyllum wrightii

Meconella oregana Nutt.
PAPAVERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4
CANADA RANK: N2: British Columbia S2
U.S. RANK: California S?, Oregon SU, Washington S1S2
CANADIAN PRIORITY: 3

Melandrium apetalum ssp. **ogilviense = Silene uralensis** ssp. **ogilviense**

Melica harfordii Boland.
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Melica spectabilis Scribn.
POACEAE
REFERENCE: Moss 1983, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S1, British Columbia S2
CANADIAN PRIORITY: 4

Mentzelia albicaulis (Dougl. ex Hook.) Dougl. ex Torr. & Gray
LOASACEAE
REFERENCE: Harms (in litt.), Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2, Saskatchewan S1
CANADIAN PRIORITY: 4

Mertensia drummondii (Lehm.) G. Don
BORAGINACEAE
REFERENCE: Cody 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Northwest Territories (Franklin S1, Mackenzie S1)
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 1

Mertensia paniculata (Ait.) G. Don var. **borealis** (J.F. Macbr.) L.O. Williams
BORAGINACEAE
REFERENCE: Packer (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N?T1T2: British Columbia S1S2
CANADIAN PRIORITY: 5

Mertensia virginica (L.) Pers. ex Link
BORAGINACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Delaware S2, Georgia S1, Kansas SH, Michigan S2, Mississippi S1S2, North Carolina S1
CANADIAN PRIORITY: 3

Microseris bigelovii (Gray) Schultz-Bip.
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon S2, Washington S1
CANADIAN PRIORITY: 3

Microseris cuspidata = Nothocalais cuspidata

Microseris lindleyi (DC.) Gray
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Mimulus alatus Ait.
SCROPHULARIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Delaware S1, Iowa S3, Massachusetts S1, Michigan SH, New Jersey S3, New York SH
CANADIAN PRIORITY: 3

Mimulus alsinoides Dougl. ex Benth.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Mimulus breviflorus Piper
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Montana S1S2
CANADIAN PRIORITY: 4

Mimulus breweri (Greene) Coville
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Wyoming S1
CANADIAN PRIORITY: 5

Mimulus dentatus Nutt. ex Benth.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Mimulus glabratus Kunth
(M. glabratus Kunth var. fremontii (Benth.) A.L. Grant)
SCROPHULARIACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Maher et al. 1979, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Manitoba S1, Ontario S1, Quebec S1, Saskatchewan S1
U.S. RANK: California SU, Iowa S3, Illinois S1, Missouri S3, Montana SU, Wyoming S2
CANADIAN PRIORITY: 3

Mimulus glabratus var. **fremontii = M. glabratus**

Minuartia marcescens (Fern.) House
(Arenaria marcescens Fern.)
CARYOPHYLLACEAE
REFERENCE: Bouchard et al. 1983, Bouchard et al. 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Newfoundland (Island S1), Quebec S1
U.S. RANK: Vermont S1
CANADIAN PRIORITY: 1

Minuartia nuttallii (Pax) Briq.
(Arenaria nuttallii Pax)
CARYOPHYLLACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S2, British Columbia S2
U.S. RANK: Colorado S1
CANADIAN PRIORITY: 4

Minuartia pusilla (S. Wats.) Mattf.
CARYOPHYLLACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Mitella caulescens Nutt.
SAXIFRAGACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Monarda didyma L.
LAMIACEAE
REFERENCE: Argus et al. 1982-1987, Morton (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3, Quebec S2
U.S. RANK: New Jersey S2, South Carolina S?
CANADIAN PRIORITY: 4

Monarda punctata L. var. **villicaulis** (Pennell) Shinners
LAMIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: Ontario S1
U.S. RANK: Kentucky S1, Missouri S2?, Ohio S1, Pennsylvania S2, Vermont S1
CANADIAN PRIORITY: 3

Monardella odoratissima Benth. ssp. **discolor** (Greene) Epling
LAMIACEAE
REFERENCE: Straley (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5

Montia bostockii (Porsild) Welsh
PORTULACACEAE
REFERENCE: Douglas et al. 1981, Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: British Columbia S1, Yukon S2
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 1

Montia dichotoma (Nutt.) T.J. Howell
PORTULACACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Montia diffusa (Nutt.) Greene
PORTULACACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon SU, Washington S1S2
CANADIAN PRIORITY: 4

Montia howellii S. Wats.
PORTULACACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Morus rubra L.
MORACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Michigan S3, Minnesota SU, Vermont S1
CANADIAN PRIORITY: 2
COSEWIC STATUS: threatened (Ambrose 1987)

Muhlenbergia andina (Nutt.) A.S. Hitchc.
POACEAE
REFERENCE: Harms (in litt.), Hudson (in litt.), White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Manitoba S1, Saskatchewan S1
U.S. RANK: Montana S2, Texas S1
CANADIAN PRIORITY: 3

Muhlenbergia sylvatica (Torr.) Torr. ex Gray var. **sylvatica**
POACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Ontario S1, Quebec S1
U.S. RANK: Delaware S1, Georgia S?, Maryland S3, Mississippi SU
CANADIAN PRIORITY: 3

Muhlenbergia tenuiflora (Willd.) B.S.P. var. **tenuiflora**
POACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Ontario S2, Quebec S1
U.S. RANK: Iowa S3, Mississippi S2S3, Nebraska S?, New Hampshire SH, Vermont S3
CANADIAN PRIORITY: 2

Munroa squarrosa (Nutt.) Torr.
POACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Alberta S1, Saskatchewan S1
CANADIAN PRIORITY: 4

Myosotis macrosperma Engelm.
BORAGINACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Indiana S1, Maryland SH, Ohio S2
CANADIAN PRIORITY: 3

Myrica californica Cham.
MYRICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Myriophyllum hippuroides Nutt. ex Torr. & Gray
HALORAGACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Delaware SH, New York SR
CANADIAN PRIORITY: 4

Myriophyllum quitense H.B.K.
HALORAGACEAE
REFERENCE: Ceska et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2, Prince Edward Island S1
U.S. RANK: Arizona S1, Idaho S2, Oregon S2, Utah S1, Washington S1, Wyoming S1
CANADIAN PRIORITY: 4

Myriophyllum ussuriense (Regel) Maxim.
HALORAGACEAE
REFERENCE: Ceska et al. 1986, Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 3

Najas gracillima (A. Braun ex Engelm.) Magnus
NAJADACEAE
REFERENCE: Argus et al. 1982-1987, Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Nova Scotia S1, Ontario S2
U.S. RANK: Alabama S?, Indiana S1, Kentucky SU, Maryland SH, Minnesota S1, Missouri S1, Ohio SH, Pennsylvania S?, Vermont S1
CANADIAN PRIORITY: 2

Navarretia squarrosa (Eschsch.) Hook. & Arn.
POLEMONIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 4

Nelumbo lutea (Willd.) Pers.
NELUMBONACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Ontario S2
U.S. RANK: Connecticut SE, Delaware S1, Maine S1, Maryland S2, Michigan S2, Nebraska S?, New Jersey S1, New York S1, Pennsylvania S1
CANADIAN PRIORITY: 3

Nemophila breviflora Gray
HYDROPHYLLACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S1, British Columbia S1
CANADIAN PRIORITY: 4

Nemophila pedunculata Dougl. ex Benth.
HYDROPHYLLACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 4

Nicotiana attenuata Torr. ex S. Wats.
SOLANACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Washington S2
CANADIAN PRIORITY: 4

Nothocalais cuspidata (Pursh) Greene
(Agoseris cuspidata (Pursh) Raf., Microseris cuspidata (Pursh) Schultz-Bip.)
ASTERACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S1, Manitoba S1, Saskatchewan S2
U.S. RANK: Arkansas S?, Illinois S1, Missouri S1, Wisconsin SU
CANADIAN PRIORITY: 4

Nothochelone nemorosa (Dougl. ex Lindl.) Straw
(Penstemon nemorosus (Dougl. ex Lindl.) Trautv.)
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Nuphar advena (Ait.) Ait. f.
NYMPHAEACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
CANADIAN PRIORITY: 4

Nyssa sylvatica Marsh. var. **sylvatica**
NYSSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5TU
CANADA RANK: N3T3: Ontario S3
U.S. RANK: Vermont S2
CANADIAN PRIORITY: 4

Oenothera andina = Camissonia andina

Oenothera breviflora = Camissonia breviflora

Oenothera clelandii Dietrich, Raven, & W.L. Wagner
ONAGRACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Ontario S1
CANADIAN PRIORITY: 3

Oenothera fruticosa L. ssp. **glauca** (Michx.) Straley
ONAGRACEAE
REFERENCE: Argus et al. 1982-1987, Straley 1977, (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: NXTX: Ontario SX, Quebec SX
U.S. RANK: Missouri S2?
CANADIAN PRIORITY: 2

Oenothera pallida Lindl. ssp. **pallida**
ONAGRACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T4Q
CANADA RANK: N1T1: British Columbia S1
U.S. RANK: Idaho S3, Montana S1
CANADIAN PRIORITY: 3

Oenothera pilosella Raf. ssp. **pilosella**
ONAGRACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Pennsylvania SU, West Virginia S2
CANADIAN PRIORITY: 4

Opuntia humifusa (Raf.) Raf.
CACTACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Connecticut S2, Iowa S4, Massachusetts S3, Minnesota S?, Ohio S?, Pennsylvania S3
CANADIAN PRIORITY: 2
COSEWIC STATUS: endangered (Klinkenberg & Klinkenberg 1985b)

Oreopteris quelpaertensis (Christ) Holub
(Thelypteris limbosperma auct.)
ASPLENIACEAE
REFERENCE: Bouchard (in litt.), Bouchard & Hay 1976, Bouchard et al. 1987, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: British Columbia S2, Newfoundland (Island S1)
U.S. RANK: Alaska S2, Washington S1?
CANADIAN PRIORITY: 2

Orobanche californica Cham. & Schlecht. **ssp. californica**
OROBANCHACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N2T2: British Columbia S2
CANADIAN PRIORITY: 4

Orobanche corymbosa (Rydb.) Ferris var. **mutabilis** Heckard in Taylor & MacBryde
OROBANCHACEAE
REFERENCE: Straley et al. 1985, Taylor & MacBryde 1978
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 3

Orobanche pinorum Geyer ex Hook.
OROBANCHACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon S4, Washington S2
CANADIAN PRIORITY: 3

Orthocarpus attenuatus Gray
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 4

Orthocarpus bracteosus Benth.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Orthocarpus castillejoides Benth. var. **castillejoides**
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 4

Orthocarpus hispidus Benth.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 4

Orthocarpus imbricatus Torr. ex S. Wats.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Orthocarpus pusillus Benth.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Orthocarpus tenuifolius (Pursh) Benth.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Osmorhiza occidentalis (Nutt. ex Torr. & Gray) Torr.
APIACEAE
REFERENCE: Moss 1983, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: Alberta S1, British Columbia S2
CANADIAN PRIORITY: 4

Oxalis oregana Nutt. ex Torr. & Gray
OXALIDACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Oxypolis rigidior (L.) Raf.
APIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Minnesota SU, New York SH
CANADIAN PRIORITY: 3

Oxytropis besseyi (Rydb.) Blank. var. **besseyi**
FABACEAE
REFERENCE: Maher et al. 1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: Saskatchewan S1
CANADIAN PRIORITY: 5

Oxytropis lagopus Nutt. var. **conjugans** Barneby
FABACEAE
REFERENCE: Packer & Bradley 1984, Wallis et al. 1986
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T2
CANADA RANK: N1T1: Alberta S1
U.S. RANK: Montana S2
CANADIAN PRIORITY: 2

Oxytropis nigrescens (Pallas) Fisch. ex DC. var. **lonchopoda** Barneby
FABACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T1
CANADA RANK: N?T1: Yukon S1
CANADIAN PRIORITY: 3

Panax quinquefolius L.
(P. quinquefolium auct.)
ARALIACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N4: Ontario S4, Quebec S3
U.S. RANK: Alabama S3, Connecticut S1, Delaware SX, Georgia S?, Iowa S3S4, Illinois S?, Indiana S3, Kentucky S4, Louisiana S1, Maine S2, Maryland S3, Massachusetts S3, Michigan S2, Minnesota S?, Mississippi S3, North Carolina S3, Nebraska S?, New Hampshire S2, New Jersey S3, Oklahoma SU, Pennsylvania S4, Rhode Island SH, South Carolina S2S3, South Dakota S1, Tennessee S3, Virginia S3S4, Wisconsin S4, West Virginia S4
CANADIAN PRIORITY: 2
COSEWIC STATUS: threatened (White 1988)

Panicum gattingeri Nash
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Ontario S2
U.S. RANK: Connecticut SH, Georgia S?, Massachusetts S3
CANADIAN PRIORITY: 4

Panicum longifolium = P. rigidulum var. **pubescens**

Panicum meridionale = Dichanthelium meridionale

Panicum perlongum = Dichanthelium perlongum

Panicum rigidulum Bosc ex Nees var. **pubescens** (Vasey) Lelong
(P. longifolium Torr.)
POACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Nova Scotia S2
U.S. RANK: Illinois S1?, Indiana SX, Massachusetts S1, New Hampshire SH, Ohio SH, Rhode Island S1
CANADIAN PRIORITY: 3

Panicum rigidulum Bosc ex Nees var. **rigidulum**
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Vermont S4
CANADIAN PRIORITY: 4

Panicum wilcoxianum = Dichanthelium oligosanthes var. **wilcoxianu**

Papaver alboroseum Hultén
PAPAVERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Papaver dahlianum Nordh.
PAPAVERACEAE
REFERENCE: Soper & Powell 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Northwest Territories (Franklin S1)
CANADIAN PRIORITY: 3

Papaver freedmanianum D. Löve
PAPAVERACEAE
REFERENCE: Löve & Freedman 1956, Packer (in litt.), Packer & Bradley 1984
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Alberta S1, Yukon S1
CANADIAN PRIORITY: 3

Papaver mcconnellii Hultén
PAPAVERACEAE
REFERENCE: Cody 1979, Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 1

Papaver nudicaule L. ssp. **americanum** Rändel
PAPAVERACEAE
REFERENCE: Rändel 1977
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T2
CANADA RANK: N2T2: Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Papaver pygmaeum Rydb.
PAPAVERACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S2, British Columbia S2
U.S. RANK: Montana S2
CANADIAN PRIORITY: 1

Papaver walpolei Porsild
PAPAVERACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2G4
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Paronychia canadensis (L.) Wood
CARYOPHYLLACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Delaware S1, Minnesota S3, New Hampshire S1, Oklahoma S1S2, Vermont S1
CANADIAN PRIORITY: 3

Paronychia fastigiata (Raf.) Fern. var. **fastigiata**
CARYOPHYLLACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N1T1: Ontario S1
U.S. RANK: Delaware S1, Michigan SH, Minnesota S3, North Carolina S4?
CANADIAN PRIORITY: 3

Paspalum setaceum Michx. var. **muhlenbergii** (Nash) D. Banks
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Ontario S2
CANADIAN PRIORITY: 4

Pectocarya linearis (Ruiz & Pavon) DC. var. **penicellata** (Hook. & Arn.) M.E. Jones
BORAGINACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5

Pedicularis furbishiae S. Wats.
SCROPHULARIACEAE
REFERENCE: Day 1983, Day & Brown 1985, Hinds 1983
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: New Brunswick S1
U.S. RANK: Maine S2
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (Stirrett 1980)

Pedicularis parviflora Sm. ssp. **parviflora**
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T2
CANADA RANK: N2T2: British Columbia S2
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 2

Pellaea atropurpurea (L.) Link
ADIANTACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Maher et al. 1979, Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Alberta S2, British Columbia S1, Ontario S3, Quebec S2, Saskatchewan S1
U.S. RANK: Colorado S3, Iowa S1, Louisiana SX, Massachusetts S3, Michigan S2, Minnesota S2, Mississippi S2, Nebraska S?, Rhode Island S1, South Carolina S1, Wisconsin S3S4, Wyoming S1
CANADIAN PRIORITY: 4

Peltandra virginica (L.) Schott & Endl. ssp. **virginica**
ARACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N2T2: Ontario S2, Quebec S1
U.S. RANK: Iowa S1, Maine S2, Missouri S1, Oklahoma S1S2, West Virginia S1?, Wisconsin SA
CANADIAN PRIORITY: 2

Penstemon albertinus Greene
SCROPHULARIACEAE
REFERENCE: Moss 1983, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, British Columbia S2
CANADIAN PRIORITY: 4

Penstemon attenuatus Dougl. ex Lindl. var. **attenuatus**
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T?
CANADA RANK: N2T2: British Columbia S2
CANADIAN PRIORITY: 5

Penstemon cusickii Gray
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Penstemon eriantherus Pursh var. **eriantherus**
SCROPHULARIACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T?
CANADA RANK: N3T3: Alberta S2, British Columbia S2
U.S. RANK: Oregon S?
CANADIAN PRIORITY: 5

Penstemon lyallii (Gray) Gray
SCROPHULARIACEAE
REFERENCE: Moss 1983, Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Alberta S1, British Columbia S2
CANADIAN PRIORITY: 3

Penstemon montanus Greene var. **montanus**
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5

Penstemon nemorosus = Nothochelone nemorosa

Penstemon ovatus Dougl. ex Hook.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Penstemon pruinosus Dougl. ex Lindl.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 3

Penstemon richardsonii Dougl. ex Lindl. var. **richardsonii**
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Petalostemon villosum = Dalea villosa var. **villosa**

Phacelia lyallii (Gray) Rydb.
HYDROPHYLLACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Alberta S1, British Columbia S1?
U.S. RANK: Idaho S1, Montana SU
CANADIAN PRIORITY: 2

Phacelia mollis J.F. Macbr.
HYDROPHYLLACEAE
REFERENCE: Douglas et al. 1981, Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: British Columbia S1, Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 1

Phacelia purshii Buckl.
HYDROPHYLLACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Georgia S1S2, Maryland S3, North Carolina S2, South Carolina S?
CANADIAN PRIORITY: 4

Phegopteris hexagonoptera = Thelypteris hexagonoptera

Phlox alyssifolia Greene
POLEMONIACEAE
REFERENCE: Maher et al. 1979, Moss 1983, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S2, British Columbia S1, Saskatchewan S1
U.S. RANK: North Dakota S1
CANADIAN PRIORITY: 3

Phlox longifolia Nutt. ssp. **longifolia**
POLEMONIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N2T2: British Columbia S2
CANADIAN PRIORITY: 5

Phlox pilosa L. ssp. **pilosa**
POLEMONIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: NXTX: Ontario SX
U.S. RANK: Arkansas S?, Delaware SH, Maryland SH, New Jersey SH, New York SH, North Dakota SH
CANADIAN PRIORITY: 2

Phlox speciosa Pursh
POLEMONIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Phlox subulata L. ssp. **subulata**
POLEMONIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N2T2: Ontario S2
U.S. RANK: North Carolina S1
CANADIAN PRIORITY: 4

Phyla lanceolata (Michx.) Greene
(Lippia lanceolata Michx.)
VERBENACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: New Jersey SH, New York SH, Pennsylvania S?
CANADIAN PRIORITY: 3

Phyllitis scolopendrium L. var. **americana** Fern.
ASPLENIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T3
CANADA RANK: N3T3: Ontario S3
U.S. RANK: Alabama S1, Michigan S1, New York S1, Tennessee S1
CANADIAN PRIORITY: 2

Physocarpus malvaceus (Greene) A. Nels.
ROSACEAE
REFERENCE: Packer & Bradley 1984, Straley 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: Alberta S1, British Columbia S2
CANADIAN PRIORITY: 4

Pinus rigida P. Mill.
PINACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2, Quebec S1
CANADIAN PRIORITY: 3

Piperia maritima Rydb.
(Platanthera unalascensis (Spreng.) Kurtz ssp. maritima (Rydb.) de Filipps)
ORCHIDACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3Q
CANADA RANK: N2: British Columbia S2
U.S. RANK: Oregon S?
CANADIAN PRIORITY: 5

Pityrogramma triangularis (Kaulfuss) Maxon
ADIANTACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Plagiobothrys figuratus = **P. hirtus** var. **figuratus**

Plagiobothrys hirtus (Greene) I.M. Johnston var. **figuratus** (Piper) I.M. Johnston
(P. figuratus (Piper) I.M. Johnston ex M.E. Peck)
BORAGINACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1T1
CANADA RANK: N1T1: British Columbia S1
U.S. RANK: Oregon S?
CANADIAN PRIORITY: 4

Plagiobothrys tenellus (Nutt. ex Hook.) Gray
BORAGINACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Plantago cordata Lam.
PLANTAGINACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: Ontario S1
U.S. RANK: Alabama S2?, Arkansas S2, Georgia S1, Iowa SX, Illinois S1, Indiana S1, Kentucky SX, Maryland SH, Michigan SX, Missouri S3, NewYork S2, North Carolina S1, Ohio S1, Virginia SX, Wisconsin S1
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (Brownell 1985)

Platanthera albida (L.) Lindl. var. **straminea** (Fern.) Luer
(Habenaria straminea Fern.)
ORCHIDACEAE
REFERENCE: Bouchard et al. 1983, Bouchard et al. 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T3?
CANADA RANK: N2T2: Newfoundland (Island S2), Quebec S1
CANADIAN PRIORITY: 3

Platanthera chorisiana (Cham.) Reichenb.
ORCHIDACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2G3
CANADA RANK: N2: British Columbia S2
U.S. RANK: Alaska S2, Washington S1
CANADIAN PRIORITY: 2

Platanthera ciliaris (L.) Lindl.
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Connecticut S2, Illinois S1, Indiana S1, Maryland S3, Massachusetts SX, Michigan S2, Missouri S1, New Hampshire SX, New Jersey S2, New York S1, Ohio S2, Oklahoma S1, Rhode Island SH, Virginia S3S4
CANADIAN PRIORITY: 3

Platanthera flava (L.) Lindl. var. **flava**
ORCHIDACEAE
REFERENCE: Maher et al. 1978, Whiting & Catling 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T3?
CANADA RANK: N?T1: Nova Scotia S1, Ontario SR
U.S. RANK: Alabama S?, Arkansas S1S2, Illinois S1, Indiana S1, Missouri S1, South Carolina S?, Tennessee S?, Virginia S3
CANADIAN PRIORITY: 3

Platanthera leucophaea (Nutt.) Lindl.
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987, Hinds 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Ontario S2
U.S. RANK: Iowa S2, Indiana SX, Louisiana SR, Maine S1, Michigan S1S2, Missouri S1, Nebraska SH, New York SH, Ohio S1, Oklahoma SH, Pennsylvania SX, Virginia S1
CANADIAN PRIORITY: 1
COSEWIC STATUS: vulnerable (Brownell 1986a)

Platanthera praeclara Sheviak & Bowles
ORCHIDACEAE
REFERENCE: Catling (in litt.), Reznicek (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Manitoba S1
U.S. RANK: Iowa S1, Kansas S1, Minnesota S1, North Dakota S2
CANADIAN PRIORITY: 3

Platanthera unalascensis ssp. **maritima** = **Piperia maritima**

Pleuropogon refractus (Gray) Benth. ex Vasey
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
U.S. RANK: California SU
CANADIAN PRIORITY: 5

Poa abbreviata R. Br. ssp. **jordalii** (Porsild) Hultén
POACEAE
REFERENCE: Cody 1979, Straley (in litt.), Taylor & MacBryde 1977
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T?
CANADA RANK: N3T1: British Columbia S1, Northwest Territories (Mackenzie S1)
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 2

Poa bolanderi Vasey var. **howellii** (Vasey & Scribn.) M.E. Jones
(P. howellii Vasey & Scribn.)
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 4

Poa fernaldiana (Nannf.) Hyl.
(P. laxa Haenke ssp. fernaldiana (Nannf.) Hyl.)
POACEAE
REFERENCE: Bouchard et al. 1987, Bouchard et al. (in litt.), Hultén & Fries 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: Newfoundland (Island S1), Quebec S2
U.S. RANK: Maine SH, New Hampshire S3, New York SH, Vermont SH
CANADIAN PRIORITY: 1

Poa flexuosa = **P. laxa** var. **flexuosa**

Poa howellii = **P. bolanderi** var. **howellii**

Poa kelloggii Vasey
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon S1
CANADIAN PRIORITY: 5

Poa laxa Haenke var. **flexuosa** Sm.
(P. flexuosa (Sm.) Muhl.)
POACEAE
REFERENCE: Cody 1979, Johnson (in litt.), Porsild & Cody 1980, Scoggan 1957
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N2T2: Manitoba S1, Newfoundland (Labrador S1), Northwest Territories (Franklin S1, Keewatin S1)
CANADIAN PRIORITY: 3

Poa laxa ssp. **fernaldiana** = **P. fernaldiana**

Poa nascopieana Polunin
POACEAE
REFERENCE: Porsild 1964
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Northwest Territories (Franklin S1)
CANADIAN PRIORITY: 3

Poa nevadensis Vasey ex Scribn.
POACEAE
REFERENCE: Cody 1979, Packer & Bradley 1984, Straley (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1N2: Alberta S1, British Columbia S1, Yukon S1
U.S. RANK: Arizona S3
CANADIAN PRIORITY: 4

Poa porsildii Gjaervoll
POACEAE
REFERENCE: Cody 1979, Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 1

Poa suksdorfii (Beal) Vasey ex Piper
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon SU
CANADIAN PRIORITY: 4

Poa sylvestris Gray
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Louisiana SU, Minnesota SU, New York SH, South Dakota SU
CANADIAN PRIORITY: 3

Podistera macounii (Coult. & Rose) Mathias & Constance
APIACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Yukon S2
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Podistera yukonensis Mathias & Constance
APIACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 1

Podostemum ceratophyllum Michx.
PODOSTEMACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Hinds 1983, Philbrick & Crow 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: New Brunswick S1, Nova Scotia S1, Ontario S2, Quebec S2
U.S. RANK: Arkansas S3, Connecticut S2S3, Delaware SX, Kentucky S2, Louisiana SU, Maine S2, Maryland S3, Massachusetts S3, Mississippi S4S5, New Jersey S3, New York S1S2, Oklahoma S4, Rhode Island SH, Vermont S2
CANADIAN PRIORITY: 2

Polemonium van-bruntiae Britt.
POLEMONIACEAE
REFERENCE: Bouchard et al. 1983, Hinds 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: New Brunswick S1, Quebec S1
U.S. RANK: Connecticut SU, Maryland S1, New Jersey SX, New York S2, Pennsylvania S1, Vermont S2, West Virginia S2
CANADIAN PRIORITY: 2

Polygala alba Nutt.
POLYGALACEAE
REFERENCE: Maher et al. 1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Saskatchewan S1
CANADIAN PRIORITY: 5

Polygala cruciata L.
POLYGALACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Iowa SU, Kentucky S1, Maine SX, Maryland S2, Michigan S3, Minnesota S1, New Hampshire SU, Ohio S1, Pennsylvania S2, Rhode Island S1, Tennessee S3, Wisconsin SU, West Virginia S1
CANADIAN PRIORITY: 2

Polygala incarnata L.
POLYGALACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Iowa S1, Illinois S1, Maryland S3, Michigan SH, New Jersey SH, New York SH, Ohio S1, Pennsylvania S1, Wisconsin S1
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (Brownell 1984)

Polygonella articulata (L.) Meisn.
POLYGONACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. (in litt.), Hinds 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: New Brunswick S1, Ontario S2, Quebec S2
U.S. RANK: Iowa S3, Indiana S2, North Carolina S1, Virginia S3
CANADIAN PRIORITY: 4

Polygonum austinae = **P. douglasii** ssp. **austinae**

Polygonum caurianum B.L. Robins. var. **caurianum**
POLYGONACEAE
REFERENCE: Cody 1979, Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N?T2: Northwest Territories (Mackenzie S2), Yukon S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 3

Polygonum confertiflorum = **P. polygaloides** ssp. **confertiflorum**

Polygonum douglasii Greene ssp. **austinae** (Greene) E. Murray
(P. austinae Greene)
POLYGONACEAE
REFERENCE: Packer & Bradley 1984, Straley 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5TU
CANADA RANK: N?T1: Alberta S1, British Columbia S1
U.S. RANK: Montana SU, Washington S?
CANADIAN PRIORITY: 4

Polygonum douglasii Greene ssp. **majus** (Meisn.) Hickman
(P. majus (Meisn.) Piper)
POLYGONACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N?T2: British Columbia S2
CANADIAN PRIORITY: 5

Polygonum engelmannii Greene
POLYGONACEAE
REFERENCE: Packer & Bradley 1984, Straley 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, British Columbia S1
CANADIAN PRIORITY: 4

Polygonum erectum L.
POLYGONACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: New Hampshire S2, Vermont SH
CANADIAN PRIORITY: 2

Polygonum kelloggii = **P. polygaloides** ssp. **kelloggii**

Polygonum majus = **P. douglasii** ssp. **majus**

Polygonum polygaloides Meisner ssp. **confertiflorum** (Nutt. ex Piper) Hickman
(P. confertiflorum Nutt. ex Piper)
POLYGONACEAE
REFERENCE: Boivin 1968, Maher et al. 1979, Moss 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N2T2: Alberta S1, Saskatchewan S1
CANADIAN PRIORITY: 4

Polygonum polygaloides Meisner ssp. **kelloggii** (Greene) Hickman
(P. kelloggii Greene)
POLYGONACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N2T1: British Columbia S1
CANADIAN PRIORITY: 5

Polygonum tenue Michx.
POLYGONACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: New Hampshire S1, New York S3
CANADIAN PRIORITY: 3

Polypodium scouleri Hook. & Grev.
POLYPODIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Polypogon interruptus Kunth
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Texas S1
CANADIAN PRIORITY: 4

Polystichum californicum (D.C. Eat.) Diels
ASPLENIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon S2, Washington S4?
CANADIAN PRIORITY: 5

Polystichum imbricans (D.C. Eat.) D.H. Wagner ssp. **imbricans**
ASPLENIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G5T?
CANADA RANK: N2T2: British Columbia S2
U.S. RANK: Montana SU
CANADIAN PRIORITY: 5

Polystichum kruckebergii W.H. Wagner
ASPLENIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4
CANADA RANK: N2: British Columbia S2
U.S. RANK: California SU, Idaho S1, Montana S1, Oregon S3
CANADIAN PRIORITY: 4

Polystichum lemmonii Underwood
ASPLENIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Oregon S2
CANADIAN PRIORITY: 5

Polystichum mohrioides var. **scopulinum** = **P. scopulinum**

Polystichum scopulinum (D.C. Eat.) Maxon
(P. mohrioides (Bory) Presl var. scopulinum (D.C. Eat.) Fern.)
ASPLENIACEAE
REFERENCE: Bouchard et al. 1983, Bouchard et al. 1987, Straley et al. 1985, Wagner & Rouleau 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1, Newfoundland (Island S1), Quebec S1
U.S. RANK: Arizona S2, Montana SU, Wyoming S1
CANADIAN PRIORITY: 3

Polystichum setigerum (Presl) Presl
ASPLENIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: British Columbia S2
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Porteranthus trifoliatus (L.) Britt.
(Gillenia trifoliata (L.) Moench)
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: NH: Ontario SH
U.S. RANK: Delaware SH, Michigan S1, Missouri S?, New Jersey S2, Ohio S3
CANADIAN PRIORITY: 3

Potamogeton bicupulatus Fern.
POTAMOGETONACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Michigan S1, Vermont S1
CANADIAN PRIORITY: 3

Potamogeton gemmiparus = **P. pusillus** var. **gemmiparus**

Potamogeton hillii Morong
POTAMOGETONACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: Ontario S2
U.S. RANK: Connecticut S1, Massachusetts S3, Michigan S2S3, New York S1, Ohio S1, Pennsylvania S1, Vermont S3
CANADIAN PRIORITY: 2
COSEWIC STATUS: vulnerable (Brownell 1986b)

Potamogeton porsildiorum = **P. subsibiricus**

Potamogeton pulcher Tuckerman
POTAMOGETONACEAE
REFERENCE: Argus et al. 1982-1987, Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Nova Scotia S1, Ontario SH
U.S. RANK: Arkansas S3, Illinois SHS1, Indiana SX, Kentucky S3, Maine S1, Michigan S2, New York SH, Ohio S2, Pennsylvania S1, Wisconsin S1, West Virginia S2
CANADIAN PRIORITY: 2

Potamogeton pusillus L. var. **gemmiparus** J.W. Robbins
(P. gemmiparus (J.W. Robbins) Morong)
POTAMOGETONACEAE
REFERENCE: Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T3
CANADA RANK: N?T1: Quebec S1
U.S. RANK: Connecticut SH, New Hampshire S2
CANADIAN PRIORITY: 4

Potamogeton subsibiricus Hagstr.
(P. porsildiorum Fern.)
POTAMOGETONACEAE
REFERENCE: Argus et al. 1982-1987, Blondeau & Cayouette 1987, Cody 1979, Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: Northwest Territories (Mackenzie S2), Ontario S1, Quebec S1, Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 2

Prenanthes sagittata (Gray) A. Nels.
ASTERACEAE
REFERENCE: Packer & Bradley 1984, Wallis et al. 1986
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S2
CANADIAN PRIORITY: 3

Primula cuneifolia Ledeb. ssp. **saxifragifolia** (Lehm.) W.W. Sm. & G. Forrest
PRIMULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N1T1: British Columbia S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Primula tschuktschorum Kjellm. ssp. **cairnsiana** Porsild
PRIMULACEAE
REFERENCE: Cody 1979, Porsild & Cody 1980
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T1
CANADA RANK: N1T1: Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 1

Psilocarphus elatior Gray
ASTERACEAE
REFERENCE: Hudson 1980, Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, British Columbia S1, Saskatchewan S1
CANADIAN PRIORITY: 3

Psilocarphus tenellus Nutt.
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Idaho S3?
CANADIAN PRIORITY: 4

Psoralea physodes Dougl. ex Hook.
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: British Columbia S2
U.S. RANK: Idaho S1
CANADIAN PRIORITY: 3

Ptelea trifoliata L. ssp. **trifoliata**
RUTACEAE
REFERENCE: Ambrose et al. 1985, Argus et al. 1982-1987, Bouchard et al. (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N3T3: Ontario S3, Quebec S1
U.S. RANK: Georgia S?, Maryland S3, New Jersey S2, New York S1, Pennsylvania S3, Wisconsin SU
CANADIAN PRIORITY: 2
COSEWIC STATUS: vulnerable (Ambrose & Aboud 1984b)

Puccinellia agrostoidea Sorensen
POACEAE
REFERENCE: Cody 1979, Douglas et al. 1981, Porsild & Cody 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Northwest Territories (Franklin S1, Mackenzie S2), Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 2

Puccinellia andersonii Swallen
POACEAE
REFERENCE: Cody 1979, Porsild & Cody 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Northwest Territories (Franklin S2, Mackenzie S1)
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 2

Puccinellia arctica (Hook.) Fern. & Weath.
POACEAE
REFERENCE: Cody 1979, Douglas et al. 1981, Porsild 1964
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Northwest Territories (Franklin S1, Mackenzie S1), Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 2

Puccinellia contracta (Lange) Sorensen
POACEAE
REFERENCE: Cody 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Northwest Territories (Mackenzie S1)
CANADIAN PRIORITY: 3

Puccinellia deschampsioides Sorensen
POACEAE
REFERENCE: Cody 1979, Douglas et al. 1981, Scoggan 1978-1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Manitoba S1, Northwest Territories (Mackenzie S1), Quebec S1, Yukon S1
CANADIAN PRIORITY: 3

Puccinellia distans (L.) Parl. ssp. **hauptiana** (Krecz.) W.E. Hughes
(P. hauptiana (Krecz.) Kitagawa, P. interior auct.)
POACEAE
REFERENCE: Douglas et al. 1981, Harms (in litt.), Packer & Bradley 1984, Moss 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3T2
CANADA RANK: N?T1: Alberta S1, Saskatchewan S1, Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Puccinellia hauptiana = P. distans ssp. **hauptiana**

Puccinellia interior = P. distans ssp. **hauptiana**

Puccinellia poacea Sorensen
POACEAE
REFERENCE: Porsild 1964
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Northwest Territories (Franklin S1)
CANADIAN PRIORITY: 3

Pycnanthemum incanum (L.) Michx. var. **incanum**
LAMIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N1T1: Ontario S1
U.S. RANK: Indiana S3, New Hampshire S1, Vermont S1
CANADIAN PRIORITY: 1
COSEWIC STATUS: endangered (Crins 1986a)

Pycnanthemum pilosum Nutt.
LAMIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Iowa SU, Mississippi S1S3, Nebraska S?, Ohio S1S2, Pennsylvania S?, West Virginia SX
CANADIAN PRIORITY: 3

Quercus ellipsoidalis E.J. Hill
FAGACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Ontario S2
U.S. RANK: Missouri S1, North Dakota S1?, Ohio SH
CANADIAN PRIORITY: 3

Quercus palustris Muenchh.
FAGACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Wisconsin SU
CANADIAN PRIORITY: 4

Quercus prinoides Willd.
FAGACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Georgia S1, Indiana S1, Maryland S3, Minnesota SU, North Carolina S2, Rhode Island S1, Vermont SH, Virginia S2
CANADIAN PRIORITY: 3

Quercus shumardii Buckl. var. **shumardii**
FAGACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Arkansas S1, Iowa SU, Maryland S1, New York SR, Ohio S3S4, Pennsylvania S1, Virginia S3, West Virginia SH
CANADIAN PRIORITY: 4
COSEWIC STATUS: vulnerable (Waldron 1984)

Ranunculus alismifolius Geyer ex Benth.
RANUNCULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Ranunculus californicus Benth.
RANUNCULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Ranunculus lobbii (Hiern) Gray
RANUNCULACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: NX: British Columbia SX
U.S. RANK: California SU, Oregon S4
CANADIAN PRIORITY: 3

Ranunculus pallasii Schlecht.
RANUNCULACEAE
REFERENCE: Argus 1982-1987, Bouchard et al. 1983, Bouchard et al. (in litt.), Cody 1979, Hultén & Fries 1986, Porsild 1964, Porsild & Cody 1980, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N3: Manitoba S1, Newfoundland (Labrador S1), Northwest Territories (Franklin S1, Keewatin S1, Mackenzie S2), Ontario S2, Quebec S2, Yukon S2
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Ranunculus turneri Greene
RANUNCULACEAE
REFERENCE: Cody 1979, Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 1

Ranunculus verecundus B.L. Robins.
RANUNCULACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Alberta S1, British Columbia S1
U.S. RANK: Alaska SR, Montana SU, Oregon SU, Wyoming S1
CANADIAN PRIORITY: 4

Ratibida pinnata (Vent.) Barnh.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Florida S2, Pennsylvania S?, South Carolina S?, Virginia SE
CANADIAN PRIORITY: 4

Rhexia virginica L.
MELASTOMATACEAE
REFERENCE: Argus et al. 1982-1987, P. & C. Keddy (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Nova Scotia S2, Ontario S3
U.S. RANK: Iowa S1, Michigan S3, Ohio S?, Vermont S1, Wisconsin S2
CANADIAN PRIORITY: 3

Rhododendron macrophyllum D. Don ex G. Don
ERICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Rhus copallina L. var. **latifolia** Engl.
ANACARDIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N3T3: Ontario S3
U.S. RANK: Nebraska S?
CANADIAN PRIORITY: 5

Ribes cognatum Greene
GROSSULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2Q
CANADA RANK: N1: British Columbia S1
U.S. RANK: Montana S1, Washington S2S3
CANADIAN PRIORITY: 4

Ribes montigenum McClatchie
GROSSULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Romanzoffia tracyi Jepson
HYDROPHYLLACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Rorippa barbareifolia (DC.) Kitagawa
BRASSICACEAE
REFERENCE: Cody 1979, Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 2

Rorippa crystallina Rollins
BRASSICACEAE
REFERENCE: Cody 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Northwest Territories (Mackenzie S1)
CANADIAN PRIORITY: 3

Rorippa tenerrima Greene
BRASSICACEAE
REFERENCE: Harms et al. 1986, Moss 1983, Packer & Bradley 1984, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, British Columbia S1, Saskatchewan S1
U.S. RANK: New Mexico S?
CANADIAN PRIORITY: 4

Rorippa truncata (Jepson) R. Stuckey
BRASSICACEAE
REFERENCE: Harms et al. 1986, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, Saskatchewan S2
U.S. RANK: Illinois S1, Kansas SH, New Mexico S?, Wyoming S1
CANADIAN PRIORITY: 4

Rosa setigera Michx.
ROSACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Maryland SH, Michigan S2S3, Virginia S3
CANADIAN PRIORITY: 3
COSEWIC STATUS: vulnerable (Ambrose 1986)

Rosa williamsii Fern.
ROSACEAE
REFERENCE: Bouchard et al. 1983
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Quebec S1
CANADIAN PRIORITY: 3

Rotala ramosior (L.) Koehne
LYTHRACEAE
REFERENCE: Argus et al. 1982-1987, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1, Ontario S1
U.S. RANK: Arizona S2, Colorado S1, Connecticut S1, Iowa SU, Maryland S2, Massachusetts SH, Michigan S3, Minnesota S2, New Jersey S2, New York S2, Pennsylvania S3, Rhode Island S1, West Virginia S2
CANADIAN PRIORITY: 1

Rubus arcticus L. ssp. **stellatus** (Sm.) Boivin
(R. stellatus Sm.)
ROSACEAE
REFERENCE: Douglas et al. 1981, Porsild & Cody 1980, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T3
CANADA RANK: N5T2: British Columbia S1, Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 3

Rubus lasiococcus Gray
ROSACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Rubus nivalis Dougl. ex Hook.
ROSACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: British Columbia S2
U.S. RANK: California SU
CANADIAN PRIORITY: 5

Rubus stellatus = **R. arcticus** ssp. **stellatus**

Rumex paucifolius Nutt. ex S. Wats.
POLYGONACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Alberta S1, British Columbia S1
CANADIAN PRIORITY: 4

Sabatia angularis (L.) Pursh
GENTIANACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Kansas S2?, Michigan S2, New York S1
CANADIAN PRIORITY: 2

Sabatia kennedyana Fern.
GENTIANACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N3: Nova Scotia S3
U.S. RANK: Massachusetts S3, North Carolina S1, Rhode Island S1, South Carolina S1
CANADIAN PRIORITY: 1
COSEWIC STATUS: threatened (Keddy & Keddy 1984b)

Sagittaria calycina Engelm. var. **spongiosa** Englem.
(Lophotocarpus spongiosus (Engelm.) J.G. Sm.)
ALISMACEAE
REFERENCE: Bouchard et al. 1983, Hinds 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T4
CANADA RANK: N?T1: New Brunswick S1, Quebec S1
U.S. RANK: Connecticut S3, Delaware SH, Maryland S1, Maine S2, Massachusetts S1, New Hampshire SU, New York S2, Pennsylvania S1, Virginia S1
CANADIAN PRIORITY: 3

Sagittaria graminea Michx. var. **cristata** (Engelm.) Bogin
ALISMACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N?T2: Ontario S2
CANADIAN PRIORITY: 4

Salix arctolitoralis = S. ovalifolia var. **arctolitoralis**

Salix brachycarpa Nutt. var. **fullertonensis** (Schneid.) Argus
(S. fullertonensis Schneid.)
SALICACEAE
REFERENCE: Argus 1965, Cody 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T2
CANADA RANK: N5T2: Northwest Territories (Franklin S1, Keewatin S1, Mackenzie S2)
CANADIAN PRIORITY: 3

Salix brachycarpa Nutt. var. **psammophila** Raup
SALICACEAE
REFERENCE: Maher et al. 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N5T1: Saskatchewan S1
CANADIAN PRIORITY: 2

Salix chamissonis Anderss.
SALICACEAE
REFERENCE: Cody 1979, Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Northwest Territories (Mackenzie S1), Yukon S2
U.S. RANK: Alaska S2S3
CANADIAN PRIORITY: 2

Salix chlorolepis Fern.
SALICACEAE
REFERENCE: Argus 1965, Bouchard et al. 1983
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Quebec S1
CANADIAN PRIORITY: 2

Salix fullertonensis = S. brachycarpa var. **fullertonensis**

Salix geyeriana Anderss.
SALICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
U.S. RANK: Arizona S2, New Mexico S2
CANADIAN PRIORITY: 5

Salix jejuna Fern.
SALICACEAE
REFERENCE: Bouchard et al. 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Newfoundland (Island S2)
CANADIAN PRIORITY: 2

Salix ovalifolia Trautv. var. **arctolitoralis** (Hultén) Argus
(S. arctolitoralis Hultén)
SALICACEAE
REFERENCE: Cody 1979, Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T3
CANADA RANK: N2T2: Northwest Territories (Mackenzie S1), Yukon S2
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 2

Salix ovalifolia Trautv. var. **ovalifolia**
SALICACEAE
REFERENCE: Argus (in litt.), Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T3
CANADA RANK: N2T2: Northwest Territories (Mackenzie S1), Yukon S2
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 3

Salix pedunculata Fern.
SALICACEAE
REFERENCE: Argus (in litt.), Bouchard et al. 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Newfoundland (Island S1)
CANADIAN PRIORITY: 1

Salix planifolia Pursh ssp. **tyrrellii** (Raup) Argus
(S. tyrrellii Raup)
SALICACEAE
REFERENCE: Argus & Steele 1979, Maher et al. 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T2
CANADA RANK: N5T2: Saskatchewan S2
CANADIAN PRIORITY: 2
COSEWIC STATUS: threatened (Argus 1981b)

Salix raupii Argus
SALICACEAE
REFERENCE: Argus 1986, Moss 1983
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Alberta S1, British Columbia S1, Northwest Territories (Mackenzie S1)
CANADIAN PRIORITY: 3

Salix reticulata L. ssp. **glabellicarpa** Argus
SALICACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T2
CANADA RANK: N5T1: British Columbia S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 3

Salix sessilifolia Nutt.
SALICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Salix setchelliana C. Ball
SALICACEAE
REFERENCE: Douglas et al. 1981, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: British Columbia S1, Yukon S2
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 2

Salix silicicola Raup
SALICACEAE
REFERENCE: Argus (in litt.), Maher et al. 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Northwest Territories (Keewatin S1), Saskatchewan S2
CANADIAN PRIORITY: 2

Salix turnorii Raup
SALICACEAE
REFERENCE: Maher et al. 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Saskatchewan S1
CANADIAN PRIORITY: 1

Salix tweedyi (Bebb ex Rose) Ball
SALICACEAE
REFERENCE: Argus & Brayshaw 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: British Columbia S1
U.S. RANK: Idaho S2, Montana S2S3, Washington S1, Wyoming S3
CANADIAN PRIORITY: 1

Salix tyrrellii = **S. planifolia** ssp. **tyrrellii**

Sanicula arctopoides Hook. & Arn.
APIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
U.S. RANK: Washington S1S2
CANADIAN PRIORITY: 3

Sanicula bipinnatifida Dougl. ex Hook.
APIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Sanicula canadensis L. var. **grandis** Fern.
APIACEAE
REFERENCE: Argus et al. 1982-1987, Pryer & Phillippe 1989
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T3
CANADA RANK: N3TH: Ontario SH
U.S. RANK: Indiana S1, Illinois S2, Iowa S1, Kentucky S1, Michigan S1, Minnesota S1, Missouri S1, New York S1, Ohio S1, Pennsylvania S1, Vermont S1, West Virginia S1, Wisconsin S2
CANADIAN PRIORITY: 2

Saxifraga eschscholtzii Sternb.
SAXIFRAGACEAE
REFERENCE: Douglas et al. 1981, Porsild & Cody 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Northwest Territories (Franklin S1), Yukon S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Saxifraga foliolosa var. **multiflora** = **S. redowskii**

Saxifraga nivalis L. var. **gaspensis** (Fern.) Boivin
SAXIFRAGACEAE
REFERENCE: Bouchard et al. 1983, Rousseau 1974
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T1
CANADA RANK: N?T1: Newfoundland (Labrador S1), Quebec S1
CANADIAN PRIORITY: 3

Saxifraga oregana T.J. Howell var. **montanensis** (Small) C.L. Hitchc.
SAXIFRAGACEAE
REFERENCE: Packer & Bradley 1984, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5T?
CANADA RANK: N1T1: Alberta S1
U.S. RANK: Montana SU
CANADIAN PRIORITY: 5

Saxifraga pensylvanica L.
SAXIFRAGACEAE
REFERENCE: Argus et al. 1982-1987, Harms 1983, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Manitoba S1, Ontario S1, Saskatchewan S1
U.S. RANK: Delaware SH, Maine S2, North Carolina S1, Rhode Island S1, West Virginia S2
CANADIAN PRIORITY: 3

Saxifraga redowskii Adams
(S. foliolosa R. Br. var. multiflora Hultén)
SAXIFRAGACEAE
REFERENCE: Hultén 1968
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Northwest Territories (Mackenzie S1)
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 2

Saxifraga spicata D. Don
SAXIFRAGACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Saxifraga stellaris L. ssp. **stellaris**
SAXIFRAGACEAE
REFERENCE: Porsild 1964, Rousseau 1974
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N1T1: Newfoundland (Labrador S1), Northwest Territories (Franklin S1)
U.S. RANK: Maine S1
CANADIAN PRIORITY: 3

Saxifraga taylorii Calder & Savile
SAXIFRAGACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 3

Scirpus heterochaetus Chase
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Scoggan 1978-1979
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Manitoba S1, Ontario S2, Quebec S2
U.S. RANK: Kansas S?, Kentucky S1, Montana S3, Nebraska S?, New York SH, Pennsylvania SX, Wyoming S1
CANADIAN PRIORITY: 3

Scirpus longii Fern.
CYPERACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Nova Scotia S1
U.S. RANK: Connecticut SH, Maine SH, Massachusetts SX, New Jersey S2, New York SX, Rhode Island S1
CANADIAN PRIORITY: 2

Scirpus pumilus Vahl ssp. **rollandii** (Fern.) Raymond
(S. pumilus Vahl. var. rollandii (Fern.) Beetle, S. rollandii Fern., Trichophorum pumilum auct.)
CYPERACEAE
REFERENCE: Bouchard et al. 1983, Cody 1979, Maher et al. 1979, Moss 1983, Porsild & Cody 1980, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Alberta S2, British Columbia S1, Northwest Territories (Mackenzie S1), Quebec S1, Saskatchewan S1, Yukon S1
U.S. RANK: California SU
CANADIAN PRIORITY: 4

Scirpus pumilus var. **rollandii** = **S. pumilus** ssp. **rollandii**

Scirpus rollandii = **S. pumilus** ssp. **rollandii**

Scirpus smithii Gray
CYPERACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Hinds 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?
CANADA RANK: N3: New Brunswick S1, Ontario S2, Quebec S2
U.S. RANK: Delaware S1, Iowa SU, Illinois S1?, Indiana S2, Maryland SH, Nebraska S?, New Jersey S2, Ohio S1, Pennsylvania S1, Rhode Island S1, Vermont S1
CANADIAN PRIORITY: 3

Scirpus verecundus Fern.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?
CANADA RANK: N1: Ontario S1
U.S. RANK: Illinois S1, Maryland S1, Missouri S?, Vermont S1, West Virginia SH
CANADIAN PRIORITY: 3
COSEWIC STATUS: vulnerable (Crins 1986b)

Scleria pauciflora Muhl. ex Willd.
CYPERACEAE
REFERENCE: Oldham (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Arkansas S3, Indiana S1, Maryland S3, Michigan SX, New Hampshire SH, New Jersey S1, Ohio S2, Pennsylvania S2, Texas S1
CANADIAN PRIORITY: 2

Scleria triglomerata Michx.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Delaware SH, Maryland SH, Massachusetts SX, Michigan S2, Minnesota S1, Missouri S1?, New Jersey S3, New York S1, Ohio S2, Rhode Island S1, Wisconsin S1, West Virginia S2
CANADIAN PRIORITY: 3

Scleria verticillata Muhl. ex Willd.
CYPERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4?
CANADA RANK: N2: Ontario S2
U.S. RANK: Arkansas S1, Connecticut SH, Iowa S1, Maryland S1, Minnesota S2, Missouri S?, New Jersey S1, New York S1, Ohio S2, Oklahoma S1, Pennsylvania S1, Tennessee S1, Texas S1, Virginia S1, Wisconsin SU
CANADIAN PRIORITY: 3

Scrophularia californica Cham. & Schlecht.
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Scutellaria angustifolia Pursh
LAMIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Scutellaria leonardii Epling
(S. parvula Michx. var. leonardii (Epling) Fern.)
LAMIACEAE
REFERENCE: White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Manitoba S1
U.S. RANK: Maine SH, Maryland S1, Michigan S1
CANADIAN PRIORITY: 4

Scutellaria nervosa Pursh
LAMIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Iowa SU, Maryland SH, New Jersey S1, New York SH, North Carolina S1, South Carolina S?, Virginia SU
CANADIAN PRIORITY: 3

Scutellaria parvula var. **leonardii = S. leonardii**

Sedum villosum L.
CRASSULACEAE
REFERENCE: Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Quebec S1
CANADIAN PRIORITY: 3

Selaginella oregana D.C. Eat.
SELAGINELLACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G4
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Senecio conterminus Greenman
ASTERACEAE
REFERENCE: Douglas (1982), Packer (in litt.)
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Alberta S2, British Columbia S1
U.S. RANK: Montana S1
CANADIAN PRIORITY: 1

Senecio cymbalarioides Buek
ASTERACEAE
REFERENCE: Douglas 1982, Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S1, British Columbia S2
CANADIAN PRIORITY: 5

Senecio foetidus T.J. Howell var. **foetidus**
ASTERACEAE
REFERENCE: Moss 1983, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N2T1: British Columbia S1
CANADIAN PRIORITY: 5

Senecio foetidus T.J. Howell var. **hydrophiloides** (Rydb.) T.M. Barkl. ex Cronq.
(S. hydrophiloides Rydb.)
ASTERACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N2T2: Alberta S2, British Columbia S1
CANADIAN PRIORITY: 5

Senecio glabellus Poir.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Iowa SU, Kansas S?, Nebraska S?
CANADIAN PRIORITY: 4

Senecio hydrophiloides = S. foetidus var. **hydrophiloides**

Senecio hydrophilus Nutt.
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Senecio integerrimus Nutt. var. **ochroleucus** (Gray) Cronq.
ASTERACEAE
REFERENCE: Douglas 1982
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T2
CANADA RANK: N5T1: British Columbia S1
U.S. RANK: Washington S2
CANADIAN PRIORITY: 1

Senecio macounii Greene
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
U.S. RANK: California SU
CANADIAN PRIORITY: 5

Senecio megacephalus Nutt.
ASTERACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S2, British Columbia S2
U.S. RANK: Wyoming S1?
CANADIAN PRIORITY: 5

Senecio moresbiensis (Calder & Taylor) G.W. Douglas & G. Ruyle-Douglas
ASTERACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: British Columbia S2
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 1

Senecio newcombei Greene
ASTERACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N3: British Columbia S3
CANADIAN PRIORITY: 4

Senecio obovatus Muhl. ex Willd.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
CANADIAN PRIORITY: 4

Senecio serra Hook.
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Senna hebecarpa (Fern.) Irwin & Barneby
(Cassia hebecarpa Fern.)
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: New Hampshire SH, Rhode Island S1, Vermont SH
CANADIAN PRIORITY: 3

Sidalcea hendersonii S. Wats.
MALVACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4?
CANADA RANK: N2: British Columbia S2
U.S. RANK: Oregon S1
CANADIAN PRIORITY: 4

Sidalcea oregana (Nutt. ex Torr. & Gray) Gray var. **procera** C.L. Hitchcock
MALVACEAE
REFERENCE: Straley et al. 1985, (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T4
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5

Silene menziesii Hook. ssp. **williamsii** (Britt.) Hultén
(S. williamsii Britt.)
CARYOPHYLLACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T3
CANADA RANK: N?T1: Yukon S1
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 4

Silene scouleri Hook. var. **pacifica** (Eastw.) C.L. Hitchc.
CARYOPHYLLACEAE
REFERENCE: Douglas (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5T?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 3

Silene uralensis (Rupr.) Bocquet ssp. **ogilviensis** (Porsild) Brunton
(Melandrium apetalum (L.) Fenzl ssp. ogilviense Porsild)
CARYOPHYLLACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4T1
CANADA RANK: N?T1: Yukon S1
CANADIAN PRIORITY: 3

Silene virginica L.
CARYOPHYLLACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Kansas S2?, Michigan SX, Wisconsin SU
CANADIAN PRIORITY: 2

Silene williamsii = **S. menziesii** ssp. **williamsii**

Silphium perfoliatum L.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Michigan S2
CANADIAN PRIORITY: 3

Silphium terebinthinaceum Jacq. var. **terebinthinaceum**
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?T5?
CANADA RANK: N1T1: Ontario S1
U.S. RANK: Georgia SR, Iowa S1, North Carolina S2, South Carolina S1, Tennessee S2, Virginia S1
CANADIAN PRIORITY: 4

Sisyrinchium albidum Raf.
IRIDACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Ontario S1
U.S. RANK: Pennsylvania S2, Virginia S1
CANADIAN PRIORITY: 3

Sisyrinchium arenicola Bickn.
IRIDACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?
CANADA RANK: N1: Nova Scotia S1
U.S. RANK: Massachusetts S3, Maryland SH, New Jersey S2, Pennsylvania SH, Rhode Island S1
CANADIAN PRIORITY: 4

Sisyrinchium douglasii A. Dietr. var. **douglasii**
IRIDACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N?T1T2: British Columbia S1S2
CANADIAN PRIORITY: 5

Sisyrinchium douglasii A. Dietr. var. **inflatum** (Suksdorf) P. Holmgren
(S. inflatum (Suksdorf) St. John)
IRIDACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N?T1: British Columbia S1
CANADIAN PRIORITY: 5

Sisyrinchium inflatum = S. douglasii var. **inflatum**

Smelowskia calycina (Steph. ex Willd.) C.A. Mey. var. **porsildii** Drury & Rollins
BRASSICACEAE
REFERENCE: Douglas et al. 1981
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N3T1: Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 1

Smelowskia ovalis M.E. Jones var. **ovalis**
BRASSICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5T4
CANADA RANK: N1T1: British Columbia S1
U.S. RANK: Oregon S4
CANADIAN PRIORITY: 5

Solidago arguta Ait. var. **arguta**
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5TU
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Illinois S1, Ohio SH
CANADIAN PRIORITY: 3

Solidago chlorolepis = S. glutinosa var. **chlorolepis**

Solidago glutinosa Nutt. var. **chlorolepis** (Fern.) Ringius
(S. chlorolepis Fern.)
ASTERACEAE
REFERENCE: Beaudry 1964, Bouchard et al. (in litt.), Ringius & Semple 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N?T1: Quebec S1
CANADIAN PRIORITY: 3

Solidago glutinosa Nutt. var. **ontarioensis** Ringius
ASTERACEAE
REFERENCE: Ringius (in litt.), Ringius & Semple 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T2?
CANADA RANK: N?T2?: Ontario S2?
U.S. RANK: Michigan S1?, Wisconsin S?
CANADIAN PRIORITY: 2

Solidago glutinosa Nutt. var. **racemosa** (Greene) Cronq.
(S. spathulata auct., S. spathulata DC. var. racemosa (Greene) Gleason)
ASTERACEAE
REFERENCE: Hinds 1983, Ringius & Semple 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T4T5
CANADA RANK: N?T2: New Brunswick S1, Quebec S1
U.S. RANK: Pennsylvania S1
CANADIAN PRIORITY: 4

Solidago glutinosa Nutt. var. **randii** (Porter) Cronq.
(S. spathulata auct.)
ASTERACEAE
REFERENCE: Ringius & Semple 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N?T1: Quebec S1
U.S. RANK: Massachusetts S1
CANADIAN PRIORITY: 3

Solidago houghtonii Torr. & Gray
ASTERACEAE
REFERENCE: Argus et al. 1982-1987, Morton & Venn 1984
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3
CANADA RANK: N2: Ontario S2
U.S. RANK: Michigan S3
CANADIAN PRIORITY: 1

Solidago riddellii Frank ex Riddell
ASTERACEAE
REFERENCE: Argus et al. 1982-1987, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Manitoba S1, Ontario S2
U.S. RANK: Arkansas S1, Kansas S?, North Dakota S1, Ohio S3, South Dakota S1
CANADIAN PRIORITY: 2

Solidago spathulata = S. glutinosa var. **racemosa** and var. **randii**

Solidago spathulata var. **racemosa = S. glutinosa** var. **racemosa**

Solidago speciosa Nutt. var. **rigidiuscula** Torr. & Gray
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N?T2: Ontario S2
U.S. RANK: Wyoming S1
CANADIAN PRIORITY: 4

Solidago tenuifolia = Euthamia galetorum

Solidago ulmifolia Muhl. ex Willd.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NH: Nova Scotia SU, Ontario SH
U.S. RANK: Maine SX, Nebraska S?, Vermont S1
CANADIAN PRIORITY: 2

Sparganium androcladum (Engelm.) Morong
SPARGANIACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N3: Ontario S2, Quebec S2
U.S. RANK: Indiana S1, Maryland S3, Montana SU, New Hampshire SU, Ohio S1, Pennsylvania S?, Tennessee S?, Virginia S1, Vermont S1, West Virginia S2S3
CANADIAN PRIORITY: 3

Sparganium glomeratum Laestd.
SPARGANIACEAE
REFERENCE: Moss 1983, Scoggan 1979-1980, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Alberta S1, British Columbia S1, Quebec SR
U.S. RANK: Minnesota S1
CANADIAN PRIORITY: 2

Spergularia macrotheca (Hornem.) Heynh.
CARYOPHYLLACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Sphaeralcea munroana (Dougl. ex Lindl.) Spach ex Gray
MALVACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Montana S1, Wyoming S2
CANADIAN PRIORITY: 4

Sphenopholis nitida (Biehler) Scribn.
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Vermont S1
CANADIAN PRIORITY: 3

Spiranthes lacera (Raf.) Raf. var. **gracilis** (Bigelow) Luer
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T4T5
CANADA RANK: N?T2: Ontario S2
U.S. RANK: Iowa S1, Rhode Island S2
CANADIAN PRIORITY: 4

Spiranthes magnicamporum Sheviak
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987, Johnson (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Manitoba S1?, Ontario S2
U.S. RANK: Arkansas S1, Indiana S1, Kentucky S1, Louisiana S1, Michigan S4, Mississippi S2S3, Ohio S2, Pennsylvania SX, South Dakota SU
CANADIAN PRIORITY: 2

Spiranthes ochroleuca (Rydb.) Rydb.
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987, Sheviak & Catling 1980, Catling 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Nova Scotia S1, Ontario S2, Prince Edward Island S1
U.S. RANK: Indiana S1, Maryland S1?, New Jersey S3, Tennessee S?, Virginia S2
CANADIAN PRIORITY: 3

Spiranthes ovalis Lindl. var. **erostellata** Catling
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: Ontario S1
U.S. RANK: Arkansas S?, Iowa S1, Indiana S2, Kansas S2?, Michigan S1S2, Missouri S1, Mississippi S2S3, Ohio S2, Pennsylvania S1, TennesseeS?, West Virginia S1
CANADIAN PRIORITY: 3

Sporobolus airoides (Torr.) Torr.
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: British Columbia S1
U.S. RANK: Missouri S1, North Dakota S1
CANADIAN PRIORITY: 4

Sporobolus asper (Michx.) Kunth var. **asper**
POACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Hinds 1983, Reznicek (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N2T2: Manitoba S1, New Brunswick S1, Ontario S1, Quebec S1
U.S. RANK: Delaware SH, Maine S1, Maryland S1, New Jersey S2, Vermont S1, Virginia S1, Wyoming S1
CANADIAN PRIORITY: 2

Stachys mexicana Benth.
LAMIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Stellaria alaskana Hultén
CARYOPHYLLACEAE
REFERENCE: Douglas et al. 1981, Hultén 1968, Taylor & MacBryde 1977
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: British Columbia SR, Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 1

Stellaria americana (Porter ex B.L. Robins.) Standley
CARYOPHYLLACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Alberta S1, British Columbia S1
U.S. RANK: Montana SU
CANADIAN PRIORITY: 3

Stellaria arenicola Raup
CARYOPHYLLACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Alberta S1, Saskatchewan S2
CANADIAN PRIORITY: 2

Stellaria dicranoides (Cham. & Schlecht.) Fenzl
CARYOPHYLLACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Stellaria obtusa Engelm.
CARYOPHYLLACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, British Columbia S1
U.S. RANK: Wyoming S3
CANADIAN PRIORITY: 4

Stellaria umbellata Turcz. ex Kar. & Kir.
CARYOPHYLLACEAE
REFERENCE: Cody 1979, Douglas et al. 1981, Moss 1983, Straley et al. 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: Alberta S1, British Columbia S1, Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 3

Stenotus borealis = Haplopappus macleanii

Stephanomeria runcinata Nutt.
ASTERACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1984, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Alberta S1, Saskatchewan S1
U.S. RANK: North Dakota SU, Nebraska S?
CANADIAN PRIORITY: 3

Stipa avenacea L.
POACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario SX
U.S. RANK: Indiana S1, Ohio SHSX, Oklahoma S4, West Virginia S1
CANADIAN PRIORITY: 3

Stipa lemmonii (Vasey) Scribn. var. **lemmonii**
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: British Columbia S2
U.S. RANK: Montana SU
CANADIAN PRIORITY: 5

Strophostyles helvola (L.) Ell.
FABACEAE
REFERENCE: Argus et. al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3, Quebec S2
U.S. RANK: Arkansas S?, Michigan S3
CANADIAN PRIORITY: 4

Stylophorum diphyllum (Michx.) Nutt.
PAPAVERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Alabama S?, Arkansas S3, Georgia S1, Pennsylvania SRF, Virginia S2
CANADIAN PRIORITY: 4
COSEWIC STATUS: under study

Suaeda maritima (L.) Dumort. ssp. **richii** (Fern.) Bassett & Crompton
(S. richii Fern.)
CHENOPODIACEAE
REFERENCE: Bassett & Crompton 1978, Bouchard et al. 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N?T1: Newfoundland (Island S1), Nova Scotia S1
U.S. RANK: Maine SH, Massachusetts S3
CANADIAN PRIORITY: 2

Suaeda moquinii (Torr.) Greene
CHENOPODIACEAE
REFERENCE: Maher et al. 1979, Packer & Bradley 1985, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Alberta S1, Saskatchewan S1
CANADIAN PRIORITY: 4

Suaeda richii = S. maritima ssp. **richii**

Swertia perennis L.
GENTIANACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
U.S. RANK: Alaska S3
CANADIAN PRIORITY: 5

Talinum okanagense = T. sediforme

Talinum sediforme Poelln.
(T. okanagense English)
PORTULACACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 3

Tanacetum bipinnatum L.
ASTERACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Tanacetum huronense Nutt. var. **floccosum** Raup
ASTERACEAE
REFERENCE: Maher et al. 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3QT1Q
CANADA RANK: N?T1: Saskatchewan S1
CANADIAN PRIORITY: 3

Taraxacum arcticum (Trautv.) Dahlst.
ASTERACEAE
REFERENCE: Porsild 1964
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Northwest Territories (Franklin S1)
CANADIAN PRIORITY: 3

Taraxacum carneocoloratum A. Nels.
ASTERACEAE
REFERENCE: Murray & Lipkin 1987
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 1

Taraxacum integratum Hagl.
ASTERACEAE
REFERENCE: Cody 1979, Porsild & Cody 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 2

Taraxacum mackenziense Porsild
ASTERACEAE
REFERENCE: Cody 1979
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G1
CANADA RANK: N1: Northwest Territories (Mackenzie S1)
CANADIAN PRIORITY: 3

Taraxacum maurolepium Hagl.
ASTERACEAE
REFERENCE: Cody 1979, Porsild & Cody 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N1: Northwest Territories (Mackenzie S1), Yukon S1
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 2

Telesonix heucheriformis = Boykinia heucheriformis

Tephrosia virginiana (L.) Pers.
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Minnesota S3, New Hampshire S1, Rhode Island S1
CANADIAN PRIORITY: 3

Thalictrum revolutum DC.
RANUNCULACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Iowa S3, Maryland S3, Michigan S1S2, Wisconsin SU
CANADIAN PRIORITY: 3

Thaspium barbinode (Michx.) Nutt.
APIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: New Jersey SH, Wisconsin S1
CANADIAN PRIORITY: 3

Thaspium trifoliatum (L.) Gray
APIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Maryland S1, Missouri S3, Nebraska S?, New Jersey S3, New York SX, Wisconsin SU
CANADIAN PRIORITY: 3

Thelesperma marginatum = T. subnudum var. marginatum

Thelesperma subnudum Gray var. **marginatum** (Rydb.) T.E. Melchert & Cronq.
(T. marginatum Rydb.)
ASTERACEAE
REFERENCE: Packer & Bradley 1984, Wallis et al. 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G5TU
CANADA RANK: N1T1: Alberta S1
U.S. RANK: Montana SU, North Dakota SU, Wyoming S2
CANADIAN PRIORITY: 4

Thelypodium laciniatum (Hook.) Endl.
BRASSICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Thelypodium milleflorum A. Nels.
BRASSICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Thelypteris hexagonoptera (Michx.) Weatherby
(Phegopteris hexagonoptera (Michx.) Fée)
ASPLENIACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3, Quebec S2
U.S. RANK: Kansas SH, Minnesota S?, Wisconsin S3S4
CANADIAN PRIORITY: 5
COSEWIC STATUS: rare (Vincent 1981)

Thelypteris limbosperma = Oreopteris quelpaertensis

Thelypteris nevadensis (Baker) Clute ex Morton
ASPLENIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Idaho S1, Washington S4
CANADIAN PRIORITY: 3

Thermopsis montana = T. rhombifolia var. montana

Thermopsis rhombifolia (Nutt. ex Pursh) Nutt. ex Richards. var. **montana** (Nutt. ex Torr. & Gray) Isley
(T. montana Nutt. ex Torr. & Gray)
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N?T1: British Columbia S1
CANADIAN PRIORITY: 5

Thlaspi arcticum Porsild
BRASSICACEAE
REFERENCE: Douglas et al. 1981, Hultén 1968
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: Northwest Territories (Mackenzie S1), Yukon S2
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 1

Thysanocarpus curvipes Hook.
BRASSICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Tillaea erecta = Crassula erecta

Tonella tenella (Benth.) Heller
SCROPHULARIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Torreyochloa pallida (Torr.) Church var. **pallida**
POACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?T?
CANADA RANK: N?T2: Nova Scotia S1, Ontario S2, Quebec S1
U.S. RANK: Georgia S1, Illinois S1, Kentucky S1, Missouri S1, North Carolina S1, South Carolina S?, Tennessee S1, West Virginia S1
CANADIAN PRIORITY: 3

Townsendia condensata Parry ex D.C. Eat.
ASTERACEAE
REFERENCE: Packer & Bradley 1984, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2?
CANADA RANK: N2: Alberta S2
U.S. RANK: Montana S1, Wyoming S2
CANADIAN PRIORITY: 3

Toxicodendron diversilobum (Torr. & Gray) Greene
ANACARDIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 4

Tradescantia occidentalis (Britt.) Smyth
COMMELINACEAE
REFERENCE: Hrapko 1989, Packer (in litt.), White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Alberta S1, Manitoba S1
CANADIAN PRIORITY: 3

Tradescantia ohiensis Raf. var. **ohiensis**
COMMELINACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Minnesota S3, New Jersey S2, New York SH

CANADIAN PRIORITY: 3

Trichophorum pumilum = Scirpus pumilus ssp. rollandii

Trichostema dichotomum L.
LAMIACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. (in litt.)
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1, Quebec SR
U.S. RANK: Iowa SU, Indiana S2, Michigan S2, Ohio S1
CANADIAN PRIORITY: 3

Trifolium bifidum Gray
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Trifolium cyathiferum Lindl.
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: British Columbia S1
U.S. RANK: Montana SU
CANADIAN PRIORITY: 4

Trifolium depauperatum Desv. var. **depauperatum**
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 4

Trifolium macraei Hook. & Arn.
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 5

Trifolium oliganthum Steud.
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Trifolium tridentatum = T. willdenovii

Trifolium variegatum Nutt. ex Torr. & Gray
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
U.S. RANK: Alaska S1
CANADIAN PRIORITY: 3

Trifolium willdenovii Spreng.
(T. tridentatum Lindl.)
FABACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N3: British Columbia N3
CANADIAN PRIORITY: 5

Triglochin concinnum Burtt-Davey var. **concinnum**
JUNCAGINACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: British Columbia S1
CANADIAN PRIORITY: 5

Triglochin gaspense Lieth & D. Löve
JUNCAGINACEAE
REFERENCE: Ford & Ball 1988, Löve & Lieth 1961
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: New Brunswick S1, Newfoundland (Island S1), Prince Edward Island S1, Quebec S1
U.S. RANK: Maine SH
CANADIAN PRIORITY: 1

Trillium flexipes Raf.
LILIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: NX: Ontario S1
U.S. RANK: Arkansas S1, Delaware SH, Georgia S1, Maryland S1, Mississippi S1, New York SH, Pennsylvania S3, South Dakota SU, Virginia S1, West Virginia SX
CANADIAN PRIORITY: 2

Triosteum angustifolium L. var. **angustifolium**
CAPRIFOLIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N1T1: Ontario S1
U.S. RANK: Alabama S?, Delaware SH, Kansas S2?, Louisiana S2, Maryland S1, Missouri S3, Mississippi S3, New Jersey S1, New York SH
CANADIAN PRIORITY: 2

Triphora trianthophora (Sw.) Rydb.
ORCHIDACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Ontario S1
U.S. RANK: Connecticut SH, Delaware SH, Iowa S3, Kansas S?, Louisiana S1, Maine S2, Maryland S1, Massachusetts S1, Michigan S2, Mississippi S3, Nebraska S?, New Hampshire S2, New Jersey S1, New York SH, Ohio S2, Oklahoma S4, Pennsylvania S1, South Carolina S2, Vermont S1, Virginia S2, Wisconsin SU
CANADIAN PRIORITY: 2
COSEWIC STATUS: threatened (Woodliffe 1988)

Tripterocalyx micranthus (Torr.) Hook. *(Abronia micrantha Torr.)*
NYCTAGINACEAE
REFERENCE: Hudson (in litt.), Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Alberta S1, Saskatchewan S1
U.S. RANK: Kansas S1, South Dakota SH
CANADIAN PRIORITY: 3

Trisetum montanum Vasey
POACEAE
REFERENCE: Packer & Bradley 1984, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: Alberta S1
CANADIAN PRIORITY: 4

Trisetum sibiricum Rupr. ssp. **litorale** (Rupr.) Rosh.
POACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T4
CANADA RANK: N1T1: Yukon S1
U.S. RANK: Alaska S2
CANADIAN PRIORITY: 3

Trisetum wolfii Vasey
POACEAE
REFERENCE: Maher et al. 1979, Moss 1983, Wallis et al. 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N1: Alberta S1, Saskatchewan S1
CANADIAN PRIORITY: 2

Triteleia grandiflora Lindl.
LILIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N2: British Columbia S2
U.S. RANK: Wyoming S1
CANADIAN PRIORITY: 5

Triteleia howellii (S. Wats.) Greene
LILIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
CANADIAN PRIORITY: 4

Triteleia hyacinthina (Lindl.) Greene
LILIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Utricularia radiata Small
LENTIBULARIACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: Nova Scotia S2
U.S. RANK: Delaware S1S2, Indiana S1, Maryland S3, New York S2, Vermont SH
CANADIAN PRIORITY: 4

Utricularia subulata L.
LENTIBULARIACEAE
REFERENCE: Maher et al. 1978
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Nova Scotia S2
U.S. RANK: Indiana S1, Maryland S4, Massachusetts S3, New York S3, Rhode Island S1, Tennessee S1
CANADIAN PRIORITY: 4

Uvularia perfoliata L.
LILIACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Arkansas S2, Florida S?, New Hampshire S1, Texas S1, Vermont S2
CANADIAN PRIORITY: 3

Vaccinium globulare Rydb.
ERICACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Vaccinium stamineum L. var. **stamineum**
ERICACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T5
CANADA RANK: N1T1: Ontario S1
U.S. RANK: Illinois SH, Kansas S1, Missouri SX
CANADIAN PRIORITY: 4

Valeriana edulis Nutt. ex Torr. & Gray ssp. **ciliata** (Torr. & Gray) F.G. Mey.
VALERIANACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T3?
CANADA RANK: N2T2: Ontario S2
U.S. RANK: Indiana S1, Iowa S3, Michigan S2, Minnesota S3, Ohio S1
CANADIAN PRIORITY: 2

Valeriana edulis Nutt. ex Torr. & Gray ssp. **edulis**
VALERIANACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N2T1: British Columbia S1
CANADIAN PRIORITY: 5

Valerianella chenopodiifolia (Pursh) DC.
VALERIANACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Illinois S1, Indiana S1, Maryland S1, Michigan S1, New York SH
CANADIAN PRIORITY: 3

Valerianella umbilicata (Sullivant) A. Wood
VALERIANACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G3G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Illinois S1, Maryland SH, New York SH
CANADIAN PRIORITY: 3

Verbesina alternifolia (L.) Britt.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Delaware SH, New York S1, Rhode Island SH
CANADIAN PRIORITY: 3

Vernonia fasciculata Michx. ssp. **corymbosa** (Schwein. ex Keating) S.B. Jones
ASTERACEAE
REFERENCE: White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: Manitoba S1
U.S. RANK: Montana SU
CANADIAN PRIORITY: 5

Vernonia gigantea (Walt.) Trel.
ASTERACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S3
U.S. RANK: Kansas S?, Maryland S1, New York S1
CANADIAN PRIORITY: 4

Veronica alpina L. var. **terrae-novae** Fern.
SCROPHULARIACEAE
REFERENCE: Bouchard et al. (in litt.), Hultén & Fries 1986
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T1
CANADA RANK: N1T1: Newfoundland (Island S1)
CANADIAN PRIORITY: 3

Veronica cusickii Gray
ASTERACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
U.S. RANK: California SU
CANADIAN PRIORITY: 5

Veronicastrum virginicum (L.) Farw.
SCROPHULARIACEAE
REFERENCE: Argus et al. 1982-1987, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Manitoba S1, Ontario S2
U.S. RANK: Louisiana S1, Massachusetts S3, Nebraska S?, North Dakota S1, South Carolina S?, South Dakota S2, Vermont S1
CANADIAN PRIORITY: 2

Viburnum dentatum var. **lucidum** = **V. recognitum**

Viburnum recognitum Fern.
(V. dentatum L. var. lucidum Ait.)
CAPRIFOLIACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Hinds 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: New Brunswick S1, Ontario S3, Quebec S1
U.S. RANK: Missouri S1
CANADIAN PRIORITY: 4

Vicia caroliniana Walt.
FABACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: New Jersey S1
CANADIAN PRIORITY: 4

Viola biflora L. ssp. **biflora**
VIOLACEAE
REFERENCE: Douglas et al. 1981
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T3
CANADA RANK: N2T1: Yukon S1
U.S. RANK: Alaska S3, Colorado S1?
CANADIAN PRIORITY: 4

Viola biflora L. ssp. **carlottae** Calder & Taylor
VIOLACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T2
CANADA RANK: N2T2: British Columbia S2
CANADIAN PRIORITY: 3

Viola howellii Gray
VIOLACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 5

Viola maccabeana M.S. Baker
VIOLACEAE
REFERENCE: Straley et al. 1985
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G2
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 3

Viola palmata L.
VIOLACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Georgia S1, Kansas S?, New Hampshire SU, Vermont S1
CANADIAN PRIORITY: 3

Viola pedata L.
VIOLACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: New Hampshire S2, New York S4, Ohio S2
CANADIAN PRIORITY: 3

Viola praemorsa Dougl. ex Lindl. ssp. **linguifolia** (Nutt. ex Torr. & Gray) Baker
VIOLACEAE
REFERENCE: Fabijan et al. 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T4
CANADA RANK: N2T2: Alberta S2
U.S. RANK: California S2, Colorado S2, Idaho S1, Montana S2, Nevada S2, Oregon S2, Utah S2, Washington S1, Wyoming S2
CANADIAN PRIORITY: 4

Viola praemorsa Dougl. ex Lindl. ssp. **praemorsa**
VIOLACEAE
REFERENCE: Fabijan et al. 1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T3
CANADA RANK: N2T1: British Columbia S1
U.S. RANK: California S3, Oregon S3, Washington S3
CANADIAN PRIORITY: 5

Viola rafinesquii Greene
VIOLACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
CANADIAN PRIORITY: 4

Viola rotundifolia Michx.
VIOLACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: Ontario S1, Quebec S3
U.S. RANK: Delaware S1, Ohio S4S5
CANADIAN PRIORITY: 5

Viola striata Ait.
VIOLACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Ontario S2
U.S. RANK: Connecticut SH, Wisconsin SH
CANADIAN PRIORITY: 3

Virgulus sericeus (Vent.) Reveal & Keener
(Aster sericeus Vent.)
ASTERACEAE
REFERENCE: Argus et al. 1982-1987, Semple & Heard 1987, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Manitoba S2, Ontario S1
U.S. RANK: Arkansas S1S2, Indiana S2, Kentucky S1S2, Michigan S1, North Dakota S1S2, Tennessee S1
CANADIAN PRIORITY: 3
COSEWIC STATUS: vulnerable (Semple 1988)

Vitis vulpina L.
VITACEAE
REFERENCE: Argus et al. 1982-1987
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1
U.S. RANK: Iowa SU, Michigan S1S2
CANADIAN PRIORITY: 3

Vulpia microstachys (Nutt.) Munro ex Benth.
POACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: British Columbia S2
CANADIAN PRIORITY: 4

Woodsia alpina (Bolton) S.F. Gray
ASPLENIACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983, Britton (in litt.), Cody 1979, Cody & Britton 1987, Hinds 1983, Maher et al. 1978, Straley et al. 1985, von Aderkas 1986, White & Johnson 1980
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N3: British Columbia S1, Manitoba S1, New Brunswick S1, Newfoundland (Island S1), Northwest Territories (Franklin S1, Keewatin S1, Mackenzie S1), Nova Scotia S2, Ontario S2, Quebec S1, Yukon S1
U.S. RANK: Alaska S2, Maine S1, Michigan S2, New York S1, Vermont S1
CANADIAN PRIORITY: 3

Woodsia obtusa (Spreng.) Torr.
ASPLENIACEAE
REFERENCE: Argus et al. 1982-1987, Bouchard et al. 1983
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N1: Ontario S1, Quebec S1
U.S. RANK: Maine S1, Michigan S2, Mississippi S4?, New Hampshire S2, Rhode Island S3, Vermont S3?
CANADIAN PRIORITY: 2

Woodwardia areolata (L.) T. Moore
BLECHNACEAE
REFERENCE: Maher et al. 1978, von Aderkas 1986
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5
CANADA RANK: N2: Nova Scotia S2
U.S. RANK: Indiana S1, Maine SX, Michigan SH, Missouri S1, New Hampshire S1, Ohio S1, West Virginia S1
CANADIAN PRIORITY: 4

Woodwardia fimbriata Sm.
BLECHNACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5?
CANADA RANK: N1: British Columbia S1
U.S. RANK: Washington S3
CANADIAN PRIORITY: 5

Xerophyllum tenax (Pursh) Nutt.
LILIACEAE
REFERENCE: Packer & Bradley 1984, Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G4G5
CANADA RANK: N2: Alberta S1, British Columbia S2
U.S. RANK: Wyoming S1
CANADIAN PRIORITY: 4

Yabea microcarpa (Hook. & Arn.) K.-Pol.
(Caucalis microcarpa Hook. & Arn.)
APIACEAE
REFERENCE: Straley et al. 1985
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G?
CANADA RANK: N1: British Columbia S1
U.S. RANK: New Mexico S?
CANADIAN PRIORITY: 4

Yucca glauca Nutt. var. **glauca**
AGAVACEAE
REFERENCE: Packer & Bradley 1984
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N1T1: Alberta S1
U.S. RANK: Missouri S3
CANADIAN PRIORITY: 5
COSEWIC STATUS: vulnerable (Fairbarns 1985)

Zizania aquatica L. var. **brevis** Fassett
POACEAE
REFERENCE: Bouchard et al. 1983
Endemic
NATURE CONSERVANCY RANKS:
GLOBAL RANK: G5T?
CANADA RANK: N?T3T4: Quebec S3S4
CANADIAN PRIORITY: 4

APPENDIX I

Family List of Rare Vascular Plants in Canada

ACANTHACEAE
Justicia americana

ADIANTACEAE
Adiantum capillus-veneris
Cryptogramma cascadensis
Cryptogramma crispa var. sitchensis
= C. sitchensis
Cryptogramma sitchensis
Pellaea atropurpurea
Pityrogramma triangularis

AGAVACEAE
Yucca glauca var. glauca

ALISMACEAE
Lophotocarpus spongiosus
= Sagittaria calycina var. spongiosa
Sagittaria calycina var. spongiosa
Sagittaria graminea var. cristata

ANACARDIACEAE
Rhus copallina var. latifolia
Toxicodendron diversilobum

ANNONACEAE
Asimina triloba

APIACEAE
Angelica dawsonii
Angelica laurentiana
Berula erecta
Caucalis microcarpa
= Yabea microcarpa
Chaerophyllum procumbens
Cicuta maculata var. victorinii
Erigenia bulbosa
Hydrocotyle ranunculoides
Hydrocotyle umbellata
Hydrocotyle verticillata
Ligusticum calderi
Ligusticum canbyi
Ligusticum scoticum ssp. hultenii
Ligusticum verticillatum
Lilaeopsis chinensis
Lilaeopsis occidentalis
Lomatium brandegei
Lomatium cous
Lomatium orientale
Lomatium sandbergii
Osmorhiza occidentalis
Oxypolis rigidior
Podistera macounii
Podistera yukonensis
Sanicula arctopoides
Sanicula bipinnatifida
Sanicula canadensis var. grandis
Thaspium barbinode
Thaspium trifoliatum
Yabea microcarpa

ARACEAE
Arisaema dracontium
Peltandra virginica ssp. virginica

ARALIACEAE
Panax quinquefolius

ASCLEPIADACEAE
Asclepias hirtella
Asclepias lanuginosa
= A. otarioides
Asclepias otarioides
Asclepias purpurascens
Asclepias quadrifolia
Asclepias sullivantii
Asclepias variegata

ASPLENIACEAE
Asplenium adulterinum ssp. presolanense
Asplenium ruta-muraria
Asplenium ruta-muraria var. cryptolepis
= A. ruta-muraria
Cystopteris protrusa
Dryopteris arguta
Dryopteris robertiana
= Gymnocarpium robertianum
Gymnocarpium robertianum
Oreopteris quelpaertensis
Phegopteris hexagonoptera
= Thelypteris hexagonoptera
Phyllitis scolopendrium var. americana
Polystichum californicum
Polystichum imbricans ssp. imbricans
Polystichum kruckebergii
Polystichum lemmonii
Polystichum mohrioides var. scopulinum
= P. scopulinum
Polystichum scopulinum
Polystichum setigerum
Thelypteris hexagonoptera
Thelypteris limbosperma

= Oreopteris quelpaertensis
Thelypteris nevadensis
Woodsia alpina
Woodsia obtusa

ASTERACEAE

Achillea lanulosa ssp. megacephala
= A. millefolium var. megacephalum
Achillea millefolium var. megacephala
Agoseris cuspidata
= Nothocalis cuspidata
Antennaria corymbosa
Antennaria eucosma
Antennaria friesiana ssp. alaskana
Arnica frigida ssp. griscomii
=Arnica griscomii ssp. frigida
Arnica griscomii ssp. frigida
Arnica longifolia
Arnica louiseana ssp. griscomii
=Arnica griscomii ssp. frigida
Artemisia globularia
Artemisia laciniata
Artemisia ludoviciana var. incompta
Artemisia rupestris ssp. woodii
Aster anticostensis
Aster curtus
Aster divaricatus
Aster dumosus var. strictior
Aster gaspensis
= A. anticostensis
Aster laurentianus
Aster laurentianus var. contiguus
= A. laurentianus
Aster linariifolius
Aster nahanniensis
Aster paucicapitatus
Aster praealtus var. praealtus
Aster prenanthoides
Aster radulinus
Aster schreberi
Aster sericeus
= Virgulus sericeus
Aster shortii
Aster undulatus
Aster yukonensis
Balsamorhiza deltoidea
Bidens amplissima
Bidens coronata
Bidens discoidea
Bidens eatonii
Bidens heterodoxa
Brickellia grandiflora
Brickellia oblongifolia var. oblongifolia
Cacalia plantaginea
Cacaliopsis nardosmia
Chaenactis alpina
Chaenactis douglasii var. montana
Chrysothamnus viscidiflorus ssp. lanceolatus
Cirsium foliosum var. minganense
Cirsium hillii
Cirsium pitcheri
Cirsium scariosum
Coreopsis atkinsoniana
= C. tinctoria var. atkinsoniana
Coreopsis lanceolata
Coreopsis rosea
Coreopsis tinctoria var. atkinsoniana
Coreopsis tripteris
Crepis modocensis ssp. rostrata
Crepis occidentalis
Crepis occidentalis ssp. pumila
= C. occidentalis
Crocidium multicaule
Erigeron hyperboreus
Erigeron hyssopifolius var. villicaulis
Erigeron leibergii
Erigeron mexiae
Erigeron muirii
Erigeron ochroleucus var. scribneri
Erigeron philadelphicus ssp. provancheri
Erigeron philadelphicus var. glabra
Erigeron poliospermus var. poliospermus
Erigeron radicatus
Erigeron salishii
Erigeron trifidus
Eupatorium coelestinum
Eupatorium dubium
Eupatorium purpureum var. purpureum
Euthamia galetorum
Euthamia tenuifolia
= E. galetorum
Gnaphalium norvegicum
Gnaphalium purpureum
Haplopappus bloomeri
Haplopappus carthamoides var. carthamoides
Haplopappus macleanii
Haplopappus uniflorus ssp. uniflorus
Helianthella uniflora
Hieracium longipilum
Hieracium scabrum var. leucocaule
Hieracium venosum var. nudicaule
Hymenopappus filifolius var. polycephalus
Hymenoxys acaulis var. glabra
Jaumea carnosa
Krigia biflora
Lactuca floridana
Lactuca terrae-novae
Lasthenia minor ssp. maritima

Liatris aspera var. intermedia
Liatris spicata
Luina nardosmia var. glabrata
= Cacaliopsis nardosmia
Machaeranthera tanacetifolia
Madia minima
Microseris bigelovii
Microseris cuspidata
= Nothocalais cuspidata
Microseris lindleyi
Nothocalais cuspidata
Prenanthes sagittata
Psilocarphus elatior
Psilocarphus tenellus
Ratibida pinnata
Senecio conterminus
Senecio cymbalarioides
Senecio foetidus var. foetidus
Senecio foetidus var. hydrophiloides
Senecio glabellus
Senecio hydrophiloides
= S. foetidus var. hydrophiloides
Senecio hydrophilus
Senecio integerrimus var. ochroleucus
Senecio macounii
Senecio megacephalus
Senecio moresbiensis
Senecio newcombei
Senecio obovatus
Senecio serra
Silphium perfoliatum
Silphium terebinthinaceum
var.terebinthinaceum
Solidago arguta var. arguta
Solidago chlorolepis
= S. glutinosa var. chlorolepis
Solidago glutinosa var. chlorolepis
Solidago glutinosa var. ontarioensis
Solidago glutinosa var. racemosa
Solidago glutinosa var. randii
Solidago houghtonii
Solidago riddellii
Solidago spathulata
= S. glutinosa var. racemosa
and var. randii
Solidago spathulata var. racemosa
= S. glutinosa var. racemosa
Solidago speciosa var. rigidiuscula
Solidago tenuifolia
= Euthamia galetorum
Solidago ulmifolia

Stenotus borealis
= Haplopappus macleanii
Stephanomeria runcinata
Tanacetum bipinnatum
Tanacetum huronense var. floccosum
Taraxacum arcticum
Taraxacum carneocoloratum
Taraxacum integratum
Taraxacum mackenziense
Taraxacum maurolepium
Thelesperma marginatum
= T. subnudum var. marginatum
Thelesperma subnudum var. marginatum
Townsendia condensata
Verbesina alternifolia
Vernonia fasciculata ssp. corymbosa
Vernonia gigantea
Veronica cusickii
Virgulus sericeus

BALSAMINACEAE
Impatiens aurella

BETULACEAE
Alnus serrulata
Betula glandulosa var. hallii
Betula lenta

BIGNONIACEAE
Campsis radicans

BLECHNACEAE
Woodwardia areolata
Woodwardia fimbriata

BORAGINACEAE
Amsinckia lycopsoides
Amsinckia spectabilis
Cryptantha affinis
Cryptantha ambigua
Cryptantha intermedia
Cryptantha kelseyana
Cryptantha minima
Eritrichium splendens
Hackelia ciliata
Hackelia diffusa var. diffusa
Lithospermum latifolium
Mertensia drummondii
Mertensia paniculata var. borealis
Mertensia virginica
Myosotis macrosperma
Pectocarya linearis var. penicellata
Plagiobothrys figuratus
= P. hirtus var. figuratus
Plagiobothrys hirtus var. figuratus
Plagiobothrys tenellus

BRASSICACEAE
Aphragmus eschscholtzianus
Arabis shortii var. shortii
Athysanus pusillus
Braya fernaldii
Braya glabella var. prostrata
Braya humilis var. ellesmerensis
Braya humilis var. maccallae
Braya longii
Braya pilosa
Braya thorild-wulffii var. glabrata
Cardamine angulata
Cardamine cordifolia var. lyallii
Draba densifolia
Draba glabella var. pycnosperma
Draba hirta var. pycnosperma
= D. glabella var. pycnosperma
Draba kananaskis
Draba kluanei
Draba lonchocarpa var. thompsonii
Draba lonchocarpa var. vestita
Draba murrayi
Draba ogilviensis
Draba peasei
Draba ruaxes
Draba scotteri
Draba stenopetala
Draba ventosa
Draba yukonensis
Erysimum arenicola
Erysimum asperum var. angustatum
Erysimum inconspicuum var. coarctatum
Halimolobos virgata
Halimolobos whitedii
Hutchinsia procumbens
= Hymenolobus procumbens
Hymenolobus procumbens
Idahoa scapigera
Lepidium densiflorum var. pubicarpum
Lepidium oxycarpum
Rorippa barbareifolia
Rorippa crystallina
Rorippa tenerrima
Rorippa truncata
Smelowskia calycina var. porsildii
Smelowskia ovalis var. ovalis
Thelypodium laciniatum
Thelypodium milleflorum
Thlaspi arcticum
Thysanocarpus curvipes

CACTACEAE
Opuntia humifusa

CALLITRICHACEAE
Callitriche marginata

CAMPANULACEAE
Campanula scouleri
Downingia elegans
Githopsis specularioides
Heterocodon rariflorum

CAPRIFOLIACEAE
Linnaea borealis ssp. borealis
Lonicera caerulea var. cauriana
Triosteum angustifolium var. angustifolium
Viburnum dentatum var. lucidum
= V. recognitum
Viburnum recognitum

CARYOPHYLLACEAE
Arenaria marcescens
= Minuartia marcescens
Arenaria nuttallii
= Minuartia nuttallii
Cerastium cerastioides
Cerastium fischerianum
Cerastium terrae-novae
Cerastium velutinum
Dianthus repens
Melandrium apetalum ssp. ogilviense
= Silene uralensis ssp. ogilviense
Minuartia marcescens
Minuartia nuttallii
Minuartia pusilla
Paronychia canadensis
Paronychia fastigiata var. fastigiata
Silene menziesii ssp. williamsii
Silene scouleri var. pacifica
Silene uralensis ssp. ogilviensis
Silene virginica
Silene williamsii
= S. menziesii ssp. williamsii
Spergularia macrotheca
Stellaria alaskana
Stellaria americana
Stellaria arenicola
Stellaria dicranoides
Stellaria obtusa
Stellaria umbellata

CELASTRACEAE
Euonymus atropurpureus

Euonymus occidentalis

CHENOPODIACEAE
Atriplex alaskensis
Atriplex aptera
= A. cansecens ssp. aptera
Atriplex canescens ssp. aptera
Atriplex powellii
Atriplex praecox
Chenopodium dacoticum
= C. watsonii
Chenopodium foggii
Chenopodium leptophyllum
Chenopodium standleyanum
Chenopodium subglabrum
Chenopodium watsonii
Suaeda maritima ssp. richii
Suaeda moquinii
Suaeda richii
= S. maritima ssp. richii

CISTACEAE
Lechea intermedia var. depauperata
Lechea maritima var. subcylindrica
Lechea minor
Lechea minor var. depauperata
= L. intermedia var. depauperata
Lechea pulchella
Lechea villosa

CLETHRACEAE
Clethra alnifolia

CLUSIACEAE
Hypericum formosum
= H. scouleri ssp. nortoniae
Hypericum gentianoides
Hypericum prolificum
Hypericum scouleri ssp. nortoniae

COMMELINACEAE
Tradescantia occidentalis
Tradescantia ohiensis var. ohiensis

CONVOLVULACEAE
Ipomoea pandurata

CORNACEAE
Cornus drummondii

CRASSULACEAE
Crassula erecta
Sedum villosum
Tillaea erecta
= Crassula erecta

CUCURBITACEAE
Marah oreganus

CUSCUTACEAE
Cuscuta campestris
Cuscuta cephalanthi
Cuscuta coryli
Cuscuta polygonorum

CYPERACEAE
Carex adelostoma
Carex aggregata
Carex aiata
Carex amplifolia
Carex appalachica
Carex arenicola
= C. pansa
Carex atlantica ssp. capillacea
Carex bicknellii var. bicknellii
Carex careyana
Carex circinata
Carex crus-corvi
Carex davisii
Carex eleusinoides
Carex emoryi
Carex enanderi
Carex engelmannii
Carex epapillosa
Carex eurystachya
= C. enanderi
Carex frankii
Carex geyeri
Carex glaucodea
Carex gmelinii
Carex gracilescens
Carex gravida var. gravida
Carex hendersonii
Carex hirsutella
Carex hostiana
Carex hostiana var. laurentiana
= C. hostiana
Carex hyalinolepis
Carex interrupta
Carex jamesii
Carex laxa
Carex laxiflora var. gracillima
= C. gracilescens
Carex leavenworthii
Carex longii
Carex lupuliformis

Carex luzulina var. ablata
Carex meadii
Carex morrisseyi
= C. adelostoma
Carex muskingumensis
Carex nebraskensis
Carex nigromarginata
Carex oligocarpa
Carex pansa
Carex paysonis
Carex petricosa var. misandroides
Carex praeceptorium
Carex prasina
Carex radiata
= C. appalachica
Carex ramenskii
Carex rariflora var. androgyna
Carex retroflexa var. retroflexa
Carex rufina
Carex sabulosa ssp. leiophylla
Carex saxilittoralis
= C. viridula var. saxilittoralis
Carex scopulorum var. bracteosa
Carex seorsa
Carex shortiana
Carex squarrosa
Carex stricta var. elongata
= C. emoryi
Carex suberecta
Carex tetanica
Carex trichocarpa
Carex typhina
Carex virescens
Carex viridula var. saxilittoralis
Carex willdenowii
Cyperus acuminatus
Cyperus erythrorhizos
Cyperus flavescens var. poaeformis
Cyperus houghtonii
Eleocharis atropurpurea
Eleocharis caribaea
Eleocharis engelmannii
Eleocharis equisetoides
Eleocharis ovata var. engelmannii
= E. engelmannii
Eleocharis parvula var. anachaeta
Eleocharis quadrangulata
Eleocharis rostellata
Eleocharis tuberculosa
Fimbristylis puberula var. puberula
Fimbristylis spadicea
= F. puberula var. puberula
Fuirena pumila
Hemicarpha micrantha
Scirpus heterochaetus
Scirpus longii
Scirpus pumilus ssp. rollandii

Scirpus pumilus var. rollandii
= S. pumilus ssp. rollandii
Scirpus rollandii
= S. pumilus ssp. rollandii
Scirpus smithii
Scirpus verecundus
Scleria pauciflora
Scleria triglomerata
Scleria verticillata
Trichophorum pumilum
= Scirpus pumilus ssp. rollandii

DROSERACEAE
Drosera filiformis

ERICACEAE
Arctostaphylos columbiana
Cassiope lycopodioides ssp. cristapilosa
Cassiope lycopodioides ssp. lycopodioides
Rhododendron macrophyllum
Vaccinium globulare
Vaccinium stamineum var. stamineum

ERIOCAULACEAE
Eriocaulon parkeri

EUPHORBIACEAE
Chamaesyce geyeri
Euphorbia commutata
Euphorbia geyeri
= Chamaesyce geyeri
Euphorbia obtusata

FABACEAE
Amorpha fruticosa
Astragalus collinus var. collinus
Astragalus convallarius var. convallarius
Astragalus filipes
Astragalus kentrophyta var. kentrophyta
Astragalus lentiginosus var. lentiginosus
Astragalus microcystis
Astragalus nutzotinensis
Astragalus racemosus var. racemosus
Astragalus robbinsii var. fernaldii
Astragalus sclerocarpus
Baptisia tinctoria
Cassia hebecarpa
= Senna hebecarpa

Cercis canadensis
Dalea villosa var. villosa
Desmodium canescens
Desmodium ciliare
Desmodium illinoense
Desmodium marilandicum
Desmodium rotundifolium
Desmodium sessilifolium
Gleditsia triacanthos
Gymnocladus dioicus
Hedysarum occidentale var. occidentale
Lathyrus littoralis
Lespedeza violacea
Lespedeza virginica
Lotus formosissimus
Lotus micranthus
Lotus pinnatus
Lupinus arbustus ssp. neolaxiflorus
Lupinus arbustus ssp. pseudoparviflorus
Lupinus bicolor
Lupinus lepidus
Lupinus lepidus p.p.
= L. minimus
Lupinus leucophyllus
Lupinus littoralis
Lupinus minimus
Lupinus perennis ssp. perennis
Lupinus polycarpus
Lupinus rivularis
Lupinus sulphureus
Lupinus vallicola ssp. apricus
Lupinus wyethii
Oxytropis besseyi var. besseyi
Oxytropis lagopus var. conjugans
Oxytropis nigrescens var. lonchopoda
Petalostemon villosum
= Dalea villosa var. villosa
Psoralea physodes
Senna hebecarpa
Strophostyles helvula
Tephrosia virginiana
Thermopsis montana
= T. rhombifolia var. montana
Thermopsis rhombifolia var. montana
Trifolium bifidum
Trifolium cyathiferum
Trifolium depauperatum var. depauperatum
Trifolium macraei
Trifolium oliganthum
Trifolium tridentatum
= T. willdenovii
Trifolium variegatum
Trifolium willdenovii
Vicia caroliniana

FAGACEAE
Castanea dentata
Quercus ellipsoidalis
Quercus palustris
Quercus prinoides
Quercus shumardii var. shumardii

FUMARIACEAE
Corydalis flavula
Corydalis scouleri
Dicentra uniflora

GENTIANACEAE
Bartonia paniculata ssp. paniculata
Bartonia virginica
Centaurium exaltatum
Centaurium muhlenbergii
Frasera caroliniensis
Gentiana alba
Gentiana calycosa
Gentiana nivalis
Gentiana platypetala
Gentiana puberulenta
Gentiana tenella
= Gentianella tenella
Gentiana victorinii
= Gentianopsis victorinii
Gentianella crinita ssp. victorinii
= Gentianopsis victorinii
Gentianella quinquefolia ssp. occidentalis
Gentianella quinquefolia ssp. quinquefolia
Gentianella tenella ssp. tenella
Gentianopsis victorinii
Sabatia angularis
Sabatia kennedyana
Swertia perennis

GROSSULARIACEAE
Ribes cognatum
Ribes montigenum

HAEMODORACEAE
Lachnanthes caroliana
Lachnanthes tinctoria
= L. caroliana
Lophiola americana
= L. aurea
Lophiola aurea

HALORAGACEAE
Myriophyllum hippuroides

Myriophyllum quitense
Myriophyllum ussuriense

HIPPOCASTANACEAE
Aesculus glabra var. glabra

HYDROCHARITACEAE
Elodea bifoliata
Elodea longivaginata
= E. bifoliata

HYDROPHYLLACEAE
Hydrophyllum appendiculatum
Hydrophyllum fendleri
Hydrophyllum tenuipes
Nemophila breviflora
Nemophila pedunculata
Phacelia lyallii
Phacelia mollis
Phacelia purshii
Romanzoffia tracyi

HYMENOPHYLLACEAE
Hymenophyllum wrightii
Mecodium wrightii
= Hymenophyllum wrightii

IRIDACEAE
Iris brevicaulis
Iris lacustris
Iris missouriensis
Iris setosa var. interior
Iris setosa var. setosa
Sisyrinchium albidum
Sisyrinchium arenicola
Sisyrinchium douglasii var. douglasii
Sisyrinchium douglasii var. inflatum
Sisyrinchium inflatum
= S. douglasii var. inflatum

ISOETACEAE
Isoetes bolanderi var. bolanderi
Isoetes eatonii
Isoetes engelmannii
Isoetes hieroglyphica
Isoetes nuttallii

JUGLANDACEAE
Carya glabra
Carya laciniosa

JUNCACEAE
Juncus biflorus
Juncus bolanderi
Juncus brachycarpus
Juncus bulbosus
Juncus covillei var. covillei
Juncus kelloggii
Juncus lesueurii
Juncus nevadensis var. columbianus
Juncus nevadensis var. nevadensis
Juncus oxymeris
Juncus regelii
Juncus secundus
Luzula hitchcockii

JUNCAGINACEAE
Lilaea scilloides
Triglochin concinnum var. concinnum
Triglochin gaspense

LAMIACEAE
Agastache scrophulariifolia
Agastache urticifolia
Blephilia ciliata
Blephilia hirsuta var. hirsuta
Lycopus americanus var. laurentianus
Lycopus rubellus
Lycopus virginicus
Monarda didyma
Monarda punctata var. villicaulis
Monardella odoratissima ssp. discolor
Pycnanthemum incanum var. incanum
Pycnanthemum pilosum
Scutellaria angustifolia
Scutellaria leonardii
Scutellaria nervosa
Scutellaria parvula var. leonardii
= S. leonardii
Stachys mexicana
Trichostema dichotomum

LENTIBULARIACEAE
Utricularia radiata
Utricularia subulata

LILIACEAE
Aletris farinosa
Allium amplectens
Allium crenulatum
Allium geyeri
Allium validum
Brodiaea coronaria ssp. coronaria
Calochortus apiculatus
Calochortus lyallii
Camassia leichtlinii ssp. suksdorfii
Camassia quamash
Camassia scilloides

Chamaelirium luteum
Disporum lanuginosum
Disporum smithii
Erythronium montanum
Erythronium oregonum
Erythronium revolutum
Trillium flexipes
Triteleia grandiflora
Triteleia howellii
Triteleia hyacinthina
Uvularia perfoliata
Xerophyllum tenax

LIMNANTHACEAE
Limnanthes macounii

LINACEAE
Linum lewisii ssp. lepagei
Linum medium var. medium
Linum medium var. texanum
Linum striatum
Linum virginianum

LOASACEAE
Mentzelia albicaulis

LYCOPODIACEAE
Huperzia miyoshiana
Huperzia selago var. miyoshiana
= Huperzia miyoshiana
Lycopodium selago var. miyoshianum
= Huperzia miyoshiana

LYTHRACEAE
Ammannia coccinia
= A. robusta
Ammannia robusta
Lythrum alatum
Rotala ramosior

MAGNOLIACEAE
Liriodendron tulipifera
Magnolia acuminata

MALVACEAE
Hibiscus laevis
Hibiscus moscheutos ssp. moscheutos
Iliamna rivularis
Sidalcea hendersonii
Sidalcea oregana var. procera
Sphaeralcea munroana

MELASTOMATACEAE
Rhexia virginica

MORACEAE
Morus rubra

MYRICACEAE
Myrica californica

NAJADACEAE
Najas gracillima

NELUMBONACEAE
Nelumbo lutea

NYCTAGINACEAE
Abronia latifolia
Abronia micrantha
= Tripterocalyx micranthus
Abronia umbellata ssp. acutalata
Tripterocalyx micranthus

NYMPHAEACEAE
Nuphar advena

NYSSACEAE
Nyssa sylvatica var. sylvatica

OLEACEAE
Fraxinus latifolia
Fraxinus quadrangulata

ONAGRACEAE
Boisduvalia densiflora
Boisduvalia glabella
Boisduvalia stricta
Camissonia andina
Camissonia breviflora
Camissonia contorta
Clarkia amoena ssp. caurina
Clarkia pulchella
Clarkia rhomboidea
Epilobium glaberrimum ssp. fastigiatum
Epilobium halleanum
Epilobium hornemannii ssp. behringianum
Epilobium mirabile
Epilobium oregonense
Gaura biennis
Gayophytum humile
Gayophytum racemosum
Ludwigia alternifolia
Ludwigia polycarpa
Oenothera andina
= Camissonia andina
Oenothera breviflora
= Camissonia breviflora

Oenothera clelandii
Oenothera fruticosa ssp. glauca
Oenothera pallida ssp. pallida
Oenothera pilosella ssp. pilosella

OPHIOGLOSSACEAE

Botrychium acuminatum
Botrychium ascendens
Botrychium campestre
Botrychium hesperium
Botrychium montanum
Botrychium paradoxum
Botrychium pedunculosum
Botrychium pseudopinnatum
Botrychium rugulosum

ORCHIDACEAE

Aplectrum hyemale
Cephalanthera austiniae
= Eburophyton austiniae
Corallorhiza odontorhiza
Cypripedium candidum
Cypripedium guttatum
Cypripedium passerinum var. minganense
Eburophyton austiniae
Epipactis gigantea
Habenaria straminea
= Platanthera albida var. straminea
Hammarbya paludosa
= Malaxis paludosa
Isotria medeoloides
Isotria verticillata
Liparis liliifolia
Listera australis
Malaxis diphyllos
Malaxis monophyllos var. diphyllos
= M. diphyllos
Malaxis paludosa
Piperia maritima
Platanthera albida var. straminea
Platanthera chorisiana
Platanthera ciliaris
Platanthera flava var. flava
Platanthera leucophaea
Platanthera praeclara
Platanthera unalascensis ssp. maritima
= Piperia maritima
Spiranthes lacera var. gracilis
Spiranthes magnicamporum
Spiranthes ochroleuca
Spiranthes ovalis var. erostellata
Triphora trianthophora

OROBANCHACEAE

Boschniakia hookeri
Orobanche californica ssp. californica
Orobanche corymbosa var. mutabilis
Orobanche pinorum

OXALIDACEAE

Oxalis oregana

PAPAVERACEAE

Meconella oregana
Papaver alboroseum
Papaver dahlianum
Papaver freedmanianum
Papaver mcconnellii
Papaver nudicaule ssp. americanum
Papaver pygmaeum
Papaver walpolei
Stylophorum diphyllum

PINACEAE

Pinus rigida

PLANTAGINACEAE

Plantago cordata

PLUMBAGINACEAE

Armeria maritima ssp. interior

POACEAE

Agropyron dasystachyum var. psammophilum
= A. psammophilum
Agropyron psammophilum
Agrostis clavata
Agrostis filiculmis
= A. clavata
Agrostis pallens
Alopecurus carolinianus
Andropogon hallii
Aristida basiramea
Aristida longispica
= A. longispica var. geniculata
Aristida longispica var. geniculata
Aristida necopina
Aristida purpurascens
Bouteloua curtipendula var. curtipendula
Bromus suksdorfii
Buchloe dactyloides
Calamagrostis cinnoides
Calamagrostis crassiglumis
Calamagrostis purpurascens var. maltei
Calamagrostis robertii
Calamovilfa longifolia var. magna
Deschampsia cespitosa ssp. alpina
Deschampsia danthonioides
Deschampsia mackenzieana
Dichanthelium commonsianum var. euchlamydeum
Dichanthelium dichotomum var. dichotomum

Dichanthelium meridionale
Dichanthelium oligosanthes var. wilcoxianum
Dichanthelium perlongum
Dichanthelium sphaerocarpon var. sphaerocarpon
Dichanthelium villosissimum var. praecocius
Echinochloa walteri
Eragrostis capillaris
Eragrostis spectabilis
Festuca auriculata
Festuca brevissima
Festuca lenensis
Festuca minutiflora
Festuca ovina ssp. alaskana
= F. lenensis
Glyceria leptostachya
Hordeum depressum
Koeleria asiatica
Leptoloma cognatum
Melica harfordii
Melica spectabilis
Muhlenbergia andina
Muhlenbergia sylvatica var. sylvatica
Muhlenbergia tenuiflora var. tenuiflora
Munroa squarrosa
Panicum gattingeri
Panicum longifolium
= P. rigidulum var. pubescens
Panicum meridionale
= Dichanthelium meridionale
Panicum perlongum
= Dichanthelium perlongum
Panicum rigidulum var. pubescens
Panicum rigidulum var. rigidulum
Panicum wilcoxianum
= Dichanthelium oligosanthes var. wilcoxianum
Paspalum setaceum var. muhlenbergii
Pleuropogon refractus
Poa abbreviata ssp. jordalii
Poa bolanderi var. howellii
Poa fernaldiana
Poa flexuosa
= P. laxa var. flexuosa
Poa howellii
= P. bolanderi var. howellii
Poa kelloggii
Poa laxa var. flexuosa
Poa laxa ssp. fernaldiana
= P. fernaldiana
Poa nascopieana
Poa nevadensis
Poa porsildii
Poa suksdorfii
Poa sylvestris
Polypogon interruptus
Puccinellia agrostoidea
Puccinellia andersonii
Puccinellia arctica
Puccinellia contracta
Puccinellia deschampsioides
Puccinellia distans ssp. hauptiana
Puccinellia hauptiana
= P. distans ssp. hauptiana
Puccinellia interior
= P. distans ssp. hauptiana
Puccinellia poacea
Sphenopholis nitida
Sporobolus airoides
Sporobolus asper var. asper
Stipa avenacea
Stipa lemmonii var. lemmonii
Torreyochloa pallida var. pallida
Trisetum montanum
Trisetum sibiricum ssp. litorale
Trisetum wolfii
Vulpia microstachys
Zizania aquatica var. brevis

PODOSTEMACEAE
Podostemum ceratophyllum

POLEMONIACEAE
Gilia capitata ssp. capitata
Gilia sinuata
Ipomopsis minutiflora
Leptodactylon pungens
Linanthus bicolor
Linanthus harknessii var. harknessii
Navarretia squarrosa
Phlox alyssifolia
Phlox longifolia ssp. longifolia
Phlox pilosa ssp. pilosa
Phlox speciosa
Phlox subulata ssp. subulata
Polemonium van-bruntiae

POLYGALACEAE
Polygala alba
Polygala cruciata
Polygala incarnata

POLYGONACEAE
Eriogonum cernuum
Eriogonum ovalifolium var. nivale
Eriogonum pyrolifolium var. coryphaeum
Eriogonum strictum ssp. proliferum
Polygonella articulata

Polygonum austinae
= P. douglasii ssp. austinae
Polygonum caurianum var. caurianum
Polygonum confertiflorum
= P. polygaloides ssp. confertiflorum
Polygonum douglasii ssp. austinae
Polygonum douglasii ssp. majus
Polygonum engelmannii
Polygonum erectum
Polygonum kelloggii
= P. polygaloides ssp. kelloggii
Polygonum majus
= P. douglasii ssp. majus
Polygonum polygaloides ssp. confertiflorum
Polygonum polygaloides ssp. kelloggii
Polygonum tenue
Rumex paucifolius

POLYPODIACEAE
Polypodium scouleri

PORTULACACEAE
Calandrinia ciliata
Calyptridium umbellatum
Claytonia arctica
Claytonia cordifolia
Claytonia ogilviensis
Claytonia saxosa
Claytonia scammaniana
Claytonia spathulata
Lewisia columbiana var. columbiana
Lewisia pygmaea ssp. pygmaea
Lewisia triphylla
Lewisia tweedyi
Montia bostockii
Montia dichotoma
Montia diffusa
Montia howellii
Talinum okanagense
= T. sediforme
Talinum sediforme

POTAMOGETONACEAE
Potamogeton bicupulatus
Potamogeton gemmiparus
= P. pusillus var. gemmiparus
Potamogeton hillii
Potamogeton porsildiorum
= P. subsibiricus
Potamogeton pulcher
Potamogeton pusillus var. gemmiparus
Potamogeton subsibiricus

PRIMULACEAE
Androsace alaskana
Dodecatheon dentatum
Dodecatheon hendersonii ssp. hendersonii
Douglasia laevigata ssp. ciliolata
Douglasia montana
Downingia laeta
Primula cuneifolia ssp. saxifragifolia
Primula tschuktschorum ssp. cairnsiana

PYROLACEAE
Chimaphila maculata var. maculata

RANUNCULACEAE
Anemone multiceps
Anemone piperi
Aquilegia jonesii
Cimicifuga elata
Cimicifuga racemosa
Delphinium brachycentrum
Delphinium burkei
Delphinium depauperatum
Enemion biternatum
Enemion savilei
Hydrastis canadensis
Isopyrum biternatum
= Enemion biternatum
Isopyrum savilei
= Enemion savilei
Ranunculus alismifolius
Ranunculus californicus
Ranunculus lobbii
Ranunculus pallasii
Ranunculus turneri
Ranunculus verecundus
Thalictrum revolutum

ROSACEAE
Agrimonia parviflora
Crataegus beata
Crataegus brainerdii
Crataegus conspecta
Crataegus corusca
Crataegus dissona
Crataegus dodgei var. dodgei
Crataegus dodgei var. flavida
Crataegus foetida
Crataegus formosa
Crataegus intricata
Crataegus lumaria
Crataegus margaretta
Crataegus mollis var. gigantea

Crataegus nitidula
Crataegus perjucunda
Crataegus persimilis
Crataegus prunifolia
= C. persimilis
Crataegus submollis
Crataegus suborbiculata
Geum calthifolium
Geum peckii
Geum schofieldii
Geum vernum
Gillenia trifoliata
= Porteranthus trifoliatus
Physocarpus malvaceus
Porteranthus trifoliatus
Rosa setigera
Rosa williamsii
Rubus arcticus ssp. stellatus
Rubus lasiococcus
Rubus nivalis
Rubus stellatus
= R. arcticus ssp. stellatus

RUBIACEAE
Galium bifolium
Galium cymosum
= G. trifidum ssp. columbianum
Galium pilosum
Galium trifidum ssp. columbianum

RUTACEAE
Ptelea trifoliata ssp. trifoliata

SALICACEAE
Salix arctolitoralis
= S. ovalifolia var. arctolitoralis
Salix brachycarpa var. fullertonensis
Salix brachycarpa var. psammophila
Salix chamissonis
Salix chlorolepis
Salix fullertonensis
= S. brachycarpa var. fullertonensis
Salix geyeriana
Salix jejuna
Salix ovalifolia var. arctolitoralis
Salix ovalifolia var. ovalifolia
Salix pedunculata
Salix planifolia ssp. tyrrellii
Salix raupii
Salix reticulata ssp. glabellicarpa
Salix sessilifolia
Salix setchelliana
Salix silicicola
Salix turnorii
Salix tweedyi
Salix tyrrellii
= S. planifolia ssp. tyrrellii

SALVINIACEAE
Azolla caroliniana
Azolla mexicana

SAXIFRAGACEAE
Boykinia heucheriformis
Conimitella williamsii
Elmera racemosa
Heuchera americana var. americana
Mitella caulescens
Saxifraga eschscholtzii
Saxifraga foliolosa var. multiflora
= S. redowskii
Saxifraga nivalis var. gaspensis
Saxifraga oregana var. montanensis
Saxifraga pensylvanica
Saxifraga redowskii
Saxifraga spicata
Saxifraga stellaris ssp. stellaris
Saxifraga taylorii
Telesonix heucheriformis
= Boykinia heucheriformis

SCROPHULARIACEAE
Agalinis aspera
Agalinis gattingeri
Agalinis maritima
Agalinis skinneriana
Aureolaria pedicularia
Aureolaria virginica
Bacopa rotundifolia
Buchnera americana
Castilleja cervina
Castilleja cusickii
Castilleja elmeri
Castilleja exilis
Castilleja gracillima
Castilleja levisecta
Castilleja rupicola
Castilleja thompsonii
Collinsia verna
Euphrasia salisburgensis var. hibernica
Euphrasia vinacea
Gerardia maritima
= Agalinis maritima
Gratiola neglecta var. glaberrima
Leucospora multifida
Linaria canadensis var. canadensis

Linaria canadensis var. texana
Lindernia anagallidea
= L. dubia var. anagallidea
Lindernia dubia var. anagallidea
Lindernia dubia var. inundata
Mimulus alatus
Mimulus alsinoides
Mimulus breviflorus
Mimulus breweri
Mimulus dentatus
Mimulus glabratus
Mimulus glabratus var. fremontii
= M. glabratus
Nothochelone nemorosa
Orthocarpus attenuatus
Orthocarpus bracteosus
Orthocarpus castillejoides var. castillejoides
Orthocarpus hispidus
Orthocarpus imbricatus
Orthocarpus pusillus
Orthocarpus tenuifolius
Pedicularis furbishiae
Pedicularis parviflora ssp. parviflora
Penstemon albertinus
Penstemon attenuatus var. attenuatus
Penstemon cusickii
Penstemon eriantherus var. eriantherus
Penstemon lyallii
Penstemon montanus var. montanus
Penstemon nemorosus
= Nothochelone nemorosa
Penstemon ovatus
Penstemon pruinosus
Penstemon richardsonii var. richardsonii
Scrophularia californica
Tonella tenella
Veronica alpina var. terrae-novae
Veronicastrum virginicum

SELAGINELLACEAE
Selaginella oregana

SOLANACEAE
Nicotiana attenuata

SPARGANIACEAE
Sparganium androcladum
Sparganium glomeratum

ULMACEAE
Celtis tenuifolia

VALERIANACEAE
Valeriana edulis ssp. ciliata
Valeriana edulis ssp. edulis
Valerianella chenopodiifolia
Valerianella umbilicata

VERBENACEAE
Lippia lanceolata
= Phyla lanceolata
Phyla lanceolata

VIOLACEAE
Hybanthus concolor
Viola biflora ssp. biflora
Viola biflora ssp. carlottae
Viola howellii
Viola maccabeana
Viola palmata
Viola pedata
Viola praemorsa ssp. linguifolia
Viola praemorsa ssp. praemorsa
Viola rafinesquii
Viola rotundifolia
Viola striata

VITACEAE
Vitis vulpina

APPENDIX II

Rare Endemics In Canada

Achillea lanulosa ssp. *megacephala*
= A. millefolium var. megacephalum
Achillea millefolium var. megacephala
Angelica dawsonii
Angelica laurentiana
Antennaria eucosma
Arenaria marcescens
= Minuartia marcescens
Armeria maritima ssp. interior
Arnica frigida ssp. *griscomii*
=Arnica griscomii ssp. frigida
Arnica griscomii ssp. frigida
Arnica louiseana ssp. *griscomii*
=Arnica griscomii ssp. frigida
Artemisia rupestris ssp. woodii
Aster anticostensis
Aster laurentianus
Aster laurentianus var. *contiguus*
= A. laurentianus
Aster nahanniensis
Aster paucicapitatus
Aster yukonensis
Astragalus microcystis
Astragalus robbinsii var. fernaldii
Bidens amplissima
Botrychium acuminatum
Botrychium paradoxum
Botrychium pseudopinnatum
Braya fernaldii
Braya glabella var. prostrata
Braya humilis var. ellesmerensis
Braya humilis var. maccallae
Braya longii
Braya pilosa
Braya thorild-wulffii var. glabrata
Calamagrostis purpurascens var. maltei
Calamagrostis robertii
Calochortus lyallii
Carex petricosa var. misandroides
Carex rariflora var. androgyna
Carex saxilittoralis
= C. viridula var. saxilittoralis
Carex viridula var. saxilittoralis
Castilleja elmeri
Castilleja thompsonii
Cerastium terrae-novae
Cicuta maculata var. victorinii
Cirsium foliosum var. minganense
Cirsium pitcheri
Claytonia ogilviensis
Crataegus beata
Crataegus dodgei var. flavida
Crataegus formosa
Crataegus perjucunda
Crataegus persimilis
Crataegus prunifolia
= C. persimilis
Crepis modocensis ssp. rostrata
Cypripedium passerinum var. minganense
Deschampsia mackenzieana
Draba glabella var. pycnosperma
Draba hirta var. *pycnosperma*
= D. glabella var. pycnosperma
Draba kluanei
Draba lonchocarpa var. thompsonii
Draba lonchocarpa var. vestita
Draba murrayi
Draba ogilviensis
Draba peasei
Draba scotteri
Draba yukonensis
Enemion savilei
Epilobium mirabile
Erigeron hyssopifolius var. villicaulis
Erigeron leibergii
Erigeron mexiae
Erigeron muirii
Erigeron philadelphicus var. glabra
Erigeron salishii
Erigeron trifidus
Erysimum asperum var. angustatum
Euthamia galetorum
Euthamia tenuifolia
= E. galetorum
Gentiana victorinii
= Gentianopsis victorinii
Gentianella crinita ssp. *victorinii*
= Gentianopsis victorinii
Gentianopsis victorinii
Geum peckii
Geum schofieldii
Gratiola neglecta var. glaberrima
Hackelia ciliata
Halimolobos whitedii
Haplopappus macleanii
Hieracium scabrum var. leucocaule
Hymenoxys acaulis var. glabra
Iris lacustris
Isopyrum savilei
= Enemion savilei

Lactuca terrae-novae
Lechea intermedia var. depauperata
Lechea maritima var. subcylindrica
Lechea minor var. *depauperata*
= L. intermedia var. depauperata
Lewisia tweedyi
Ligusticum calderi
Ligusticum verticillatum
Limnanthes macounii
Linum lewisii ssp. lepagei
Linum medium var. medium
Lomatium brandegei
Lomatium sandbergii
Lycopus americanus var. laurentianus
Melandrium apetalum ssp. *ogilviense*
= Silene uralensis ssp. ogilviense
Mertensia drummondii
Minuartia marcescens
Montia bostockii
Myriophyllum ussuriense
Orobanche corymbosa var. mutabilis
Oxytropis lagopus var. conjugans
Oxytropis nigrescens var. lonchopoda
Papaver freedmanianum
Papaver mcconnellii
Papaver pygmaeum
Pedicularis furbishiae
Penstemon lyallii
Penstemon pruinosus
Phacelia lyallii
Phacelia mollis
Poa nascopieana
Poa porsildii
Podistera yukonensis
Prenanthes sagittata
Primula tschuktschorum ssp. cairnsiana
Puccinellia contracta
Puccinellia poacea
Ranunculus turneri
Rorippa crystallina
Rosa williamsii
Salix brachycarpa var. fullertonensis
Salix brachycarpa var. psammophila
Salix chlorolepis
Salix fullertonensis
= S. brachycarpa var. fullertonensis
Salix jejuna
Salix pedunculata
Salix planifolia ssp. tyrrellii
Salix raupii
Salix reticulata ssp. glabellicarpa
Salix silicicola
Salix turnorii
Salix tyrrellii
= S. planifolia ssp. tyrrellii
Saxifraga taylorii
Senecio conterminus
Senecio integerrimus var. ochroleucus
Senecio moresbiensis
Senecio newcombei
Silene uralensis ssp. ogilviensis
Smelowskia calycina var. porsildii
Solidago chlorolepis
= S. glutinosa var. chlorolepis
Solidago glutinosa var. chlorolepis
Solidago glutinosa var. ontarioensis
Solidago glutinosa var. randii
Solidago houghtonii
Solidago spathulata
= S. glutinosa var. racemosa
and var. randii
Solidago tenuifolia
= Euthamia galetorum
Stellaria alaskana
Stellaria americana
Stellaria arenicola
Stenotus borealis
= Haplopappus macleanii
Talinum okanagense
= T. sediforme
Talinum sediforme
Tanacetum huronense var. floccosum
Taraxacum carneocoloratum
Taraxacum mackenziense
Thlaspi arcticum
Triglochin gaspense
Veronica alpina var. terrae-novae
Viola biflora ssp. carlottae
Viola maccabeana
Zizania aquatica var. brevis

APPENDIX III

Provincial and Territorial Lists of Rare Vascular Plants in Canada

Alberta

Abronia micrantha
= Tripterocalyx micranthus
Agoseris cuspidata
= Nothocalis cuspidata
Allium geyeri
Angelica dawsonii
Antennaria corymbosa
Aquilegia jonesii
Arenaria nuttallii
= Minuartia nuttallii
Arnica longifolia
Astragalus kentrophyta var. kentrophyta
Atriplex aptera
= A. cansecens ssp. aptera
Atriplex canescens ssp. aptera
Atriplex powellii
Bacopa rotundifolia
Boisduvalia glabella
Botrychium ascendens
Botrychium campestre
Botrychium hesperium
Botrychium paradoxum
Boykinia heucheriformis
Braya humilis var. maccallae
Brickellia grandiflora
Calochortus apiculatus
Camassia quamash
Camissonia andina
Camissonia breviflora
Carex enanderi
Carex epapillosa
Carex eurystachya
= C. enanderi
Carex geyeri
Carex nebraskensis
Carex paysonis
Castilleja cusickii
Chenopodium dacoticum
= C. watsonii
Chenopodium leptophyllum
Chenopodium subglabrum
Chenopodium watsonii
Cirsium scariosum
Conimitella williamsii
Crepis occidentalis
Crepis occidentalis ssp. pumila
= C. occidentalis
Cryptantha kelseyana
Cryptantha minima
Dichanthelium oligosanthes var. wilcoxianum
Douglasia montana
Downingia laeta
Draba densifolia
Draba kananaskis
Draba ventosa
Eleocharis engelmannii
Eleocharis ovata var. engelmannii
= E. engelmannii
Elodea bifoliata
Elodea longivaginata
= E. bifoliata
Epilobium glaberrimum ssp. fastigiatum
Epilobium halleanum
Epilobium mirabile
Erigeron ochroleucus var. scribneri
Erigeron radicatus
Erigeron trifidus
Eriogonum cernuum
Festuca minutiflora
Galium bifolium
Gayophytum racemosum
Gentiana calycosa
Halimolobos virgata
Hammarbya paludosa
= Malaxis paludosa
Haplopappus uniflorus ssp. uniflorus
Hymenopappus filifolius var. polycephalus
Hypericum formosum
= H. scouleri ssp. nortoniae
Hypericum scouleri ssp. nortoniae
Iliamna rivularis
Iris missouriensis
Isoetes bolanderi var. bolanderi
Juncus nevadensis var. nevadensis
Lewisia pygmaea ssp. pygmaea
Lilaea scilloides
Lomatium cous
Lomatium sandbergii
Lupinus lepidus
Lupinus lepidus p.p.
= L. minimus
Lupinus minimus
Lupinus wyethii
Luzula hitchcockii
Machaeranthera tanacetifolia
Malaxis paludosa

(Alberta)
Melica spectabilis
Microseris cuspidata
= Nothocalais cuspidata
Minuartia nuttallii
Munroa squarrosa
Nemophila breviflora
Nothocalais cuspidata
Oenothera andina
= Camissonia andina
Oenothera breviflora
= Camissonia breviflora
Osmorhiza occidentalis
Oxytropis lagopus var. conjugans
Panicum wilcoxianum
= Dichanthelium oligosanthes var. wilcoxianum
Papaver freedmanianum
Papaver pygmaeum
Pellaea atropurpurea
Penstemon albertinus
Penstemon eriantherus var. eriantherus
Penstemon lyallii
Phacelia lyallii
Phlox alyssifolia
Physocarpus malvaceus
Poa nevadensis
Polygonum austinae
= P. douglasii ssp. austinae
Polygonum confertiflorum
= P. polygaloides ssp. confertiflorum
Polygonum douglasii ssp. austinae
Polygonum engelmannii
Polygonum polygaloides ssp. confertiflorum
Prenanthes sagittata
Psilocarphus elatior
Puccinellia distans ssp. hauptiana
Puccinellia hauptiana
= P. distans ssp. hauptiana
Puccinellia interior
= P. distans ssp. hauptiana
Ranunculus verecundus
Rorippa tenerrima
Rorippa truncata
Rumex paucifolius
Salix raupii
Saxifraga oregana var. montanensis
Scirpus pumilus ssp. rollandii
Scirpus pumilus var. rollandii
= S. pumilus ssp. rollandii
Scirpus rollandii
= S. pumilus ssp. rollandii
Senecio conterminus
Senecio cymbalarioides
Senecio foetidus var. hydrophiloides
Senecio hydrophiloides
= S. foetidus var. hydrophiloides
Senecio megacephalus
Sparganium glomeratum
Stellaria americana
Stellaria arenicola
Stellaria obtusa
Stellaria umbellata
Stephanomeria runcinata
Suaeda moquinii
Telesonix heucheriformis
= Boykinia heucheriformis
Thelesperma marginatum
= T. subnudum var. marginatum
Thelesperma subnudum var. marginatum
Townsendia condensata
Tradescantia occidentalis
Trichophorum pumilum
= Scirpus pumilus ssp. rollandii
Tripterocalyx micranthus
Trisetum montanum
Trisetum wolfii
Viola praemorsa ssp. linguifolia
Xerophyllum tenax
Yucca glauca var. glauca

British Columbia

Abronia latifolia
Abronia umbellata ssp. acutalata
Adiantum capillus-veneris
Agastache urticifolia
Agrostis pallens
Allium amplectens
Allium crenulatum
Allium geyeri
Allium validum
Alopecurus carolinianus
Ammannia coccinia
= A. robusta
Ammannia robusta
Amsinckia lycopsoides
Amsinckia spectabilis
Anemone piperi

Angelica dawsonii
Arctostaphylos columbiana
Arenaria nuttallii
= Minuartia nuttallii
Artemisia ludoviciana var. incompta
Asplenium adulterinum ssp. presolanense
Aster curtus
Aster paucicapitatus
Aster radulinus
Astragalus collinus var. collinus
Astragalus convallarius var. convallarius
Astragalus filipes
Astragalus lentiginosus var. lentiginosus
Astragalus microcystis
Astragalus nutzotinensis
Astragalus sclerocarpus
Athysanus pusillus
Atriplex alaskensis
Azolla mexicana
Balsamorhiza deltoidea
Berula erecta
Betula glandulosa var. hallii
Bidens amplissima
Boisduvalia densiflora
Boisduvalia glabella
Boisduvalia stricta
Boschniakia hookeri
Botrychium ascendens
Botrychium hesperium
Botrychium montanum
Botrychium paradoxum
Botrychium pedunculosum
Braya humilis var. maccallae
Brickellia oblongifolia var. oblongifolia
Brodiaea coronaria ssp. coronaria
Bromus suksdorfii
Cacaliopsis nardosmia
Calamagrostis crassiglumis
Calandrinia ciliata
Callitriche marginata
Calochortus apiculatus
Calochortus lyallii
Calyptridium umbellatum
Camassia leichtlinii ssp. suksdorfii
Camassia quamash
Camissonia andina
Camissonia breviflora
Camissonia contorta
Campanula scouleri
Cardamine angulata
Cardamine cordifolia var. lyallii
Carex amplifolia
Carex arenicola
= C. pansa
Carex circinata
Carex enanderi
Carex engelmannii
Carex epapillosa
Carex eurystachya
= C. enanderi
Carex geyeri
Carex gmelinii
Carex hendersonii
Carex interrupta
Carex luzulina var. ablata
Carex pansa
Carex paysonis
Carex praeceptorium
Carex scopulorum var. bracteosa
Cassiope lycopodioides ssp. cristapilosa
Cassiope lycopodioides ssp. lycopodioides
Castilleja cervina
Castilleja cusickii
Castilleja elmeri
Castilleja exilis
Castilleja gracillima
Castilleja levisecta
Castilleja rupicola
Castilleja thompsonii
Caucalis microcarpa
= Yabea microcarpa
Centaurium exaltatum
Centaurium muhlenbergii
Cephalanthera austiniae
= Eburophyton austiniae
Cerastium fischerianum
Chaenactis alpina
Chaenactis douglasii var. montana
Chenopodium leptophyllum
Chrysothamnus viscidiflorus ssp. lanceolatus
Cimicifuga elata
Cirsium scariosum
Clarkia amoena ssp. caurina
Clarkia pulchella
Clarkia rhomboidea
Claytonia cordifolia
Claytonia saxosa
Claytonia spathulata
Coreopsis atkinsoniana
= C. tinctoria var. atkinsoniana
Coreopsis tinctoria var. atkinsoniana
Corydalis scouleri
Crassula erecta
Crepis modocensis ssp. rostrata
Crepis occidentalis
Crepis occidentalis ssp. pumila
= C. occidentalis
Crocidium multicaule

(British Columbia)
Cryptantha affinis
Cryptantha ambigua
Cryptantha intermedia
Cryptogramma cascadensis
Cryptogramma crispa var. sitchensis
= C. sitchensis
Cryptogramma sitchensis
Cyperus acuminatus
Cyperus erythrorhizos
Delphinium burkei
Delphinium depauperatum
Deschampsia danthonioides
Dicentra uniflora
Disporum smithii
Dodecatheon dentatum
Dodecatheon hendersonii ssp. hendersonii
Douglasia laevigata ssp. ciliolata
Douglasia montana
Downingia elegans
Draba densifolia
Draba lonchocarpa var. thompsonii
Draba lonchocarpa var. vestita
Draba ruaxes
Draba stenopetala
Draba ventosa
Dryopteris arguta
Eburophyton austiniae
Eleocharis atropurpurea
Eleocharis rostellata
Elmera racemosa
Enemion savilei
Epilobium glaberrimum ssp. fastigiatum
Epilobium halleanum
Epilobium hornemannii ssp. behringianum
Epilobium mirabile
Epilobium oregonense
Epipactis gigantea
Erigeron leibergii
Erigeron philadelphicus var. glabra
Erigeron poliospermus var. poliospermus
Erigeron salishii
Erigeron trifidus
Eriogonum ovalifolium var. nivale
Eriogonum pyrolifolium var. coryphaeum
Eriogonum strictum ssp. proliferum
Erysimum arenicola
Erythronium montanum
Erythronium oregonum
Erythronium revolutum
Euonymus occidentalis
Festuca minutiflora
Fraxinus latifolia
Galium bifolium
Galium cymosum
= G. trifidum ssp. columbianum
Galium trifidum ssp. columbianum
Gayophytum humile
Gentiana calycosa
Gentiana platypetala
Gentiana tenella
= Gentianella tenella
Gentianella tenella ssp. tenella
Geum calthifolium
Geum schofieldii
Gilia capitata ssp. capitata
Gilia sinuata
Githopsis specularioides
Glyceria leptostachya
Hackelia ciliata
Hackelia diffusa var. diffusa
Halimolobos whitedii
Hammarbya paludosa
= Malaxis paludosa
Haplopappus bloomeri
Haplopappus carthamoides var. carthamoides
Hedysarum occidentale var. occidentale
Helianthella uniflora
Hemicarpha micrantha
Heterocodon rariflorum
Hordeum depressum
Huperzia miyoshiana
Hutchinsia procumbens
= Hymenolobus procumbens
Hydrocotyle ranunculoides
Hydrocotyle verticillata
Hydrophyllum fendleri
Hydrophyllum tenuipes
Hymenolobus procumbens
Hymenophyllum wrightii
Hypericum formosum
= H. scouleri ssp. nortoniae
Hypericum scouleri ssp. nortoniae
Idahoa scapigera
Iliamna rivularis
Impatiens aurella
Ipomopsis minutiflora
Iris missouriensis
Iris setosa var. setosa
Isoetes bolanderi var. bolanderi
Isoetes nuttallii
Isopyrum savilei
= Enemion savilei
Jaumea carnosa
Juncus bolanderi
Juncus bulbosus
Juncus covillei var. covillei
Juncus kelloggii

Juncus lesueurii
Juncus nevadensis var. columbianus
Juncus nevadensis var. nevadensis
Juncus oxymeris
Juncus regelii
Lasthenia minor ssp. maritima
Lathyrus littoralis
Lepidium densiflorum var. pubicarpum
Lepidium oxycarpum
Leptodactylon pungens
Lewisia columbiana var. columbiana
Lewisia pygmaea ssp. pygmaea
Lewisia triphylla
Lewisia tweedyi
Ligusticum calderi
Ligusticum canbyi
Ligusticum scoticum ssp. hultenii
Ligusticum verticillatum
Lilaea scilloides
Lilaeopsis occidentalis
Limnanthes macounii
Linanthus bicolor
Linanthus harknessii var. harknessii
Linaria canadensis var. texana
Lindernia anagallidea
= L. dubia var. anagallidea
Lindernia dubia var. anagallidea
Lomatium brandegei
Lomatium sandbergii
Lonicera caerulea var. cauriana
Lotus formosissimus
Lotus micranthus
Lotus pinnatus
Luina nardosmia var. glabrata
= Cacaliopsis nardosmia
Lupinus arbustus ssp. neolaxiflorus
Lupinus arbustus ssp. pseudoparviflorus
Lupinus bicolor
Lupinus lepidus
Lupinus lepidus p.p.
= L. minimus
Lupinus leucophyllus
Lupinus littoralis
Lupinus minimus
Lupinus polycarpus
Lupinus rivularis
Lupinus sulphureus
Lupinus vallicola ssp. apricus
Lupinus wyethii
Luzula hitchcockii
Lycopodium selago var. miyoshianum
= Huperzia miyoshiana
Lythrum alatum
Madia minima
Malaxis diphyllos
Malaxis monophyllos var. diphyllos
= M. diphyllos
Malaxis paludosa
Marah oreganus
Mecodium wrightii
= Hymenophyllum wrightii
Meconella oregana
Melica harfordii
Melica spectabilis
Mentzelia albicaulis
Mertensia paniculata var. borealis
Microseris bigelovii
Microseris lindleyi
Mimulus alsinoides
Mimulus bre[illegible]iflorus
Mimulus breweri
Mimulus dentatus
Minuartia nuttallii
Minuartia pusilla
Mitella caulescens
Monardella odoratissima ssp. discolor
Montia bostockii
Montia dichotoma
Montia diffusa
Montia howellii
Myrica californica
Myriophyllum hippuroides
Myriophyllum quitense
Myriophyllum ussuriense
Navarretia squarrosa
Nemophila breviflora
Nemophila pedunculata
Nicotiana attenuata
Nothochelone nemorosa
Oenothera andina
= Camissonia andina
Oenothera breviflora
= Camissonia breviflora
Oenothera pallida ssp. pallida
Oreopteris quelpaertensis
Orobanche californica ssp. californica
Orobanche corymbosa var. mutabilis
Orobanche pinorum
Orthocarpus attenuatus
Orthocarpus bracteosus
Orthocarpus castillejoides var. castillejoides
Orthocarpus hispidus
Orthocarpus imbricatus
Orthocarpus pusillus
Orthocarpus tenuifolius
Osmorhiza occidentalis
Oxalis oregana
Papaver alboroseum

(British Columbia)
Papaver pygmaeum
Pectocarya linearis var. penicellata
Pedicularis parviflora ssp. parviflora
Pellaea atropurpurea
Penstemon albertinus
Penstemon attenuatus var. attenuatus
Penstemon cusickii
Penstemon eriantherus var. eriantherus
Penstemon lyallii
Penstemon montanus var. montanus
Penstemon nemorosus
= Nothochelone nemorosa
Penstemon ovatus
Penstemon pruinosus
Penstemon richardsonii var. richardsonii
Phacelia lyallii
Phacelia mollis
Phlox alyssifolia
Phlox longifolia ssp. longifolia
Phlox speciosa
Physocarpus malvaceus
Piperia maritima
Pityrogramma triangularis
Plagiobothrys figuratus
= P. hirtus var. figuratus
Plagiobothrys hirtus var. figuratus
Plagiobothrys tenellus
Platanthera chorisiana
Platanthera unalascensis ssp. maritima
= Piperia maritima
Pleuropogon refractus
Poa abbreviata ssp. jordalii
Poa bolanderi var. howellii
Poa howellii
= P. bolanderi var. howellii
Poa kelloggii
Poa nevadensis
Poa suksdorfii
Polygonum austinae
= P. douglasii ssp. austinae
Polygonum douglasii ssp. austinae
Polygonum douglasii ssp. majus
Polygonum engelmannii
Polygonum kelloggii
= P. polygaloides ssp. kelloggii
Polygonum majus
= P. douglasii ssp. majus
Polygonum polygaloides ssp. kelloggii
Polypodium scouleri
Polypogon interruptus
Polystichum californicum
Polystichum imbricans ssp. imbricans
Polystichum kruckebergii
Polystichum lemmonii
Polystichum mohrioides var. scopulinum
= P. scopulinum
Polystichum scopulinum
Polystichum setigerum
Primula cuneifolia ssp. saxifragifolia
Psilocarphus elatior
Psilocarphus tenellus
Psoralea physodes
Ranunculus alismifolius
Ranunculus californicus
Ranunculus lobbii
Ranunculus verecundus
Rhododendron macrophyllum
Ribes cognatum
Ribes montigenum
Romanzoffia tracyi
Rorippa tenerrima
Rotala ramosior
Rubus arcticus ssp. stellatus
Rubus lasiococcus
Rubus nivalis
Rubus stellatus
= R. arcticus ssp. stellatus
Rumex paucifolius
Salix geyeriana
Salix raupii
Salix reticulata ssp. glabellicarpa
Salix sessilifolia
Salix setchelliana
Salix tweedyi
Sanicula arctopoides
Sanicula bipinnatifida
Saxifraga taylorii
Scirpus pumilus ssp. rollandii
Scirpus pumilus var. rollandii
= S. pumilus ssp. rollandii
Scirpus rollandii
= S. pumilus ssp. rollandii
Scrophularia californica
Scutellaria angustifolia
Selaginella oregana
Senecio conterminus
Senecio cymbalarioides
Senecio foetidus var. foetidus
Senecio foetidus var. hydrophiloides
Senecio hydrophiloides
= S. foetidus var. hydrophiloides
Senecio hydrophilus
Senecio integerrimus var. ochroleucus
Senecio macounii
Senecio megacephalus
Senecio moresbiensis
Senecio newcombei

Senecio serra
Sidalcea hendersonii
Sidalcea oregana var. procera
Silene scouleri var. pacifica
Sisyrinchium douglasii var. douglasii
Sisyrinchium douglasii var. inflatum
Sisyrinchium inflatum
= S. douglasii var. inflatum
Smelowskia ovalis var. ovalis
Sparganium glomeratum
Spergularia macrotheca
Sphaeralcea munroana
Sporobolus airoides
Stachys mexicana
Stellaria alaskana
Stellaria americana
Stellaria obtusa
Stellaria umbellata
Stipa lemmonii var. lemmonii
Swertia perennis
Talinum okanagense
= T. sediforme
Talinum sediforme
Thelypodium laciniatum
Thelypodium milleflorum
Thelypteris limbosperma
= Oreopteris quelpaertensis
Thelypteris nevadensis
Thermopsis montana
= T. rhombifolia var. montana
Thermopsis rhombifolia var. montana
Thysanocarpus curvipes
Tillaea erecta
= Crassula erecta
Tonella tenella
Toxicodendron diversilobum
Trichophorum pumilum
= Scirpus pumilus ssp. rollandii
Trifolium bifidum
Trifolium cyathiferum
Trifolium depauperatum var. depauperatum
Trifolium macraei
Trifolium oliganthum
Trifolium tridentatum
= T. willdenovii
Trifolium variegatum
Trifolium willdenovii
Triglochin concinnum var. concinnum
Triteleia grandiflora
Triteleia howellii
Triteleia hyacinthina
Vaccinium globulare
Valeriana edulis ssp. edulis
Veronica cusickii
Viola biflora ssp. carlottae
Viola howellii
Viola maccabeana
Viola praemorsa ssp. praemorsa
Vulpia microstachys
Woodsia alpina
Woodwardia fimbriata
Xerophyllum tenax
Yabea microcarpa

Manitoba

Agalinis aspera
Agoseris cuspidata
= Nothocalis cuspidata
Agropyron dasystachyum var. psammophilum
= A. psammophilum
Agropyron psammophilum
Amorpha fruticosa
Andropogon hallii
Asclepias lanuginosa
= A. otarioides
Asclepias otarioides
Aster sericeus
= Virgulus sericeus
Bouteloua curtipendula var. curtipendula
Buchloe dactyloides
Carex adelostoma
Carex bicknellii var. bicknellii
Carex emoryi
Carex meadii
Carex morrisseyi
= C. adelostoma
Carex muskingumensis
Carex rufina
Carex stricta var. elongata
= C. emoryi
Carex tetanica
Chamaesyce geyeri
Chenopodium subglabrum
Cuscuta campestris
Cuscuta cephalanthi
Cyperus erythrorhizos
Cyperus houghtonii
Cypripedium candidum
Dalea villosa var. villosa
Dichanthelium oligosanthes var. wilcoxianum
Dichanthelium perlongum

(Manitoba)

Dryopteris robertiana
= Gymnocarpium robertianum
Eleocharis engelmannii
Eleocharis ovata var. engelmannii
= E. engelmannii
Euphorbia geyeri
= Chamaesyce geyeri
Euphrasia vinacea
Gentiana puberulenta
Gymnocarpium robertianum
Hammarbya paludosa
= Malaxis paludosa
Hutchinsia procumbens
= Hymenolobus procumbens
Hymenolobus procumbens
Krigia biflora
Lactuca floridana
Linum lewisii ssp. lepagei
Lomatium orientale
Malaxis paludosa
Microseris cuspidata
= Nothocalais cuspidata
Mimulus glabratus
Mimulus glabratus var. fremontii
= M. glabratus
Muhlenbergia andina
Nothocalais cuspidata
Panicum perlongum
= Dichanthelium perlongum
Panicum wilcoxianum
= Dichanthelium oligosanthes var. wilcoxianum
Petalostemon villosum
= Dalea villosa var. villosa
Platanthera praeclara
Poa flexuosa
= P. laxa var. flexuosa
Poa laxa var. flexuosa
Puccinellia deschampsioides
Ranunculus pallasii
Saxifraga pensylvanica
Scirpus heterochaetus
Scutellaria leonardii
Scutellaria parvula var. leonardii
= S. leonardii
Solidago riddellii
Spiranthes magnicamporum
Sporobolus asper var. asper
Tradescantia occidentalis
Vernonia fasciculata ssp. corymbosa
Veronicastrum virginicum
Virgulus sericeus
Woodsia alpina

New Brunswick

Agalinis maritima
Alnus serrulata
Aster anticostensis
Aster gaspensis
= A. anticostensis
Aster laurentianus
Aster laurentianus var. contiguus
= A. laurentianus
Aster linariifolius
Bartonia virginica
Crataegus submollis
Cuscuta cephalanthi
Dryopteris robertiana
= Gymnocarpium robertianum
Eriocaulon parkeri
Erysimum inconspicuum var. coarctatum
Gerardia maritima
= Agalinis maritima
Gymnocarpium robertianum
Isoetes hieroglyphica
Lechea maritima var. subcylindrica
Listera australis
Lophotocarpus spongiosus
= Sagittaria calycina var. spongiosa
Pedicularis furbishiae
Podostemum ceratophyllum
Polemonium van-bruntiae
Polygonella articulata
Sagittaria calycina var. spongiosa
Scirpus smithii
Solidago glutinosa var. racemosa
Solidago spathulata
= S. glutinosa var. racemosa and var. randii
Solidago spathulata var. racemosa
= S. glutinosa var. racemosa
Sporobolus asper var. asper
Triglochin gaspense
Viburnum dentatum var. lucidum
= V. recognitum
Viburnum recognitum
Woodsia alpina

Newfoundland (Island)

Angelica laurentiana
Antennaria eucosma
Arenaria marcescens
= Minuartia marcescens
Arnica frigida ssp. griscomii
=Arnica griscomii ssp. frigida
Arnica griscomii ssp. frigida
Arnica louiseana ssp. griscomii
=Arnica griscomii ssp. frigida
Astragalus robbinsii var. fernaldii
Atriplex praecox
Braya fernaldii
Braya longii
Carex hostiana
Carex hostiana var. laurentiana
= C. hostiana
Carex petricosa var. misandroides
Carex saxilittoralis
= C. viridula var. saxilittoralis
Carex viridula var. saxilittoralis
Cerastium cerastioides
Cerastium terrae-novae
Draba glabella var. pycnosperma
Draba hirta var. pycnosperma
= D. glabella var. pycnosperma
Dryopteris robertiana
= Gymnocarpium robertianum
Erigeron hyssopifolius var. villicaulis
Erysimum inconspicuum var. coarctatum
Euphrasia salisburgensis var. hibernica
Euphrasia vinacea
Gnaphalium norvegicum
Gymnocarpium robertianum
Habenaria straminea
= Platanthera albida var. straminea
Huperzia miyoshiana
Huperzia selago var. miyoshiana
= Huperzia miyoshiana
Hutchinsia procumbens
= Hymenolobus procumbens
Hymenolobus procumbens
Juncus bulbosus
Lactuca terrae-novae
Minuartia marcescens
Oreopteris quelpaertensis
Platanthera albida var. straminea
Poa fernaldiana
Poa laxa ssp. fernaldiana
= P. fernaldiana
Polystichum mohrioides var. scopulinum
= P. scopulinum
Polystichum scopulinum
Salix jejuna
Salix pedunculata
Suaeda maritima ssp. richii
Suaeda richii
= S. maritima ssp. richii
Thelypteris limbosperma
= Oreopteris quelpaertensis
Triglochin gaspense
Veronica alpina var. terrae-novae
Woodsia alpina

Newfoundland (Labrador)

Astragalus robbinsii var. fernaldii
Carex adelostoma
Carex morrisseyi
= C. adelostoma
Cerastium cerastioides
Deschampsia cespitosa ssp. alpina
Euphrasia vinacea
Gentiana nivalis
Gnaphalium norvegicum
Hutchinsia procumbens
= Hymenolobus procumbens
Hymenolobus procumbens
Poa flexuosa
= P. laxa var. flexuosa
Poa laxa var. flexuosa
Ranunculus pallasii
Saxifraga nivalis var. gaspensis
Saxifraga stellaris ssp. stellaris

Northwest Territories (District of Franklin)

Braya glabella var. prostrata
Braya humilis var. ellesmerensis
Braya thorild-wulffii var. glabrata
Cerastium cerastioides

(District of Franklin)
Deschampsia cespitosa ssp. alpina
Gentiana tenella
= Gentianella tenella
Gentianella tenella ssp. tenella
Mertensia drummondii
Papaver dahlianum
Poa flexuosa
= P. laxa var. flexuosa
Poa laxa var. flexuosa
Poa nascopieana
Puccinellia agrostoidea
Puccinellia andersonii
Puccinellia arctica
Puccinellia poacea
Ranunculus pallasii
Salix brachycarpa var. fullertonensis
Salix fullertonensis
= S. brachycarpa var. fullertonensis
Saxifraga eschscholtzii
Saxifraga stellaris ssp. stellaris
Taraxacum arcticum
Woodsia alpina

Northwest Territories (District of Keewatin)

Carex adelostoma
Carex morrisseyi
= C. adelostoma
Carex rufina
Gentiana tenella
= Gentianella tenella
Gentianella tenella ssp. tenella
Linum lewisii ssp. lepagei
Poa flexuosa
= P. laxa var. flexuosa
Poa laxa var. flexuosa
Ranunculus pallasii
Salix brachycarpa var. fullertonensis
Salix fullertonensis
= S. brachycarpa var. fullertonensis
Salix silicicola
Woodsia alpina

Northwest Territories (District of Mackenzie)

Aster nahanniensis
Aster yukonensis
Braya pilosa
Carex adelostoma
Carex eleusinoides
Carex laxa
Carex morrisseyi
= C. adelostoma
Carex ramenskii
Carex rariflora var. androgyna
Cryptogramma crispa var. sitchensis
= C. sitchensis
Cryptogramma sitchensis
Cypripedium guttatum
Draba ogilviensis
Eritrichium splendens
Festuca lenensis
Festuca ovina ssp. alaskana
= F. lenensis
Gentiana tenella
= Gentianella tenella
Gentianella tenella ssp. tenella
Hammarbya paludosa
= Malaxis paludosa
Haplopappus uniflorus ssp. uniflorus
Koeleria asiatica
Malaxis paludosa
Mertensia drummondii
Papaver mcconnellii
Poa abbreviata ssp. jordalii
Poa porsildii
Polygonum caurianum var. caurianum
Potamogeton porsildiorum
= P. subsibiricus
Potamogeton subsibiricus
Primula tschuktschorum ssp. cairnsiana
Puccinellia agrostoidea
Puccinellia andersonii
Puccinellia arctica
Puccinellia contracta
Puccinellia deschampsioides
Ranunculus pallasii
Ranunculus turneri
Rorippa barbareifolia
Rorippa crystallina
Rubus arcticus ssp. stellatus
Rubus stellatus
= R. arcticus ssp. stellatus

Salix arctolitoralis
= S. ovalifolia var. arctolitoralis
Salix brachycarpa var. fullertonensis
Salix chamissonis
Salix fullertonensis
= S. brachycarpa var. fullertonensis
Salix ovalifolia var. arctolitoralis
Salix ovalifolia var. ovalifolia
Salix raupii
Saxifraga foliolosa var. multiflora
= S. redowskii
Saxifraga redowskii
Scirpus pumilus ssp. rollandii
Scirpus pumilus var. rollandii
= S. pumilus ssp. rollandii
Scirpus rollandii
= S. pumilus ssp. rollandii
Stellaria umbellata
Taraxacum integratum
Taraxacum mackenziense
Taraxacum maurolepium
Thlaspi arcticum
Trichophorum pumilum
= Scirpus pumilus ssp. rollandii
Woodsia alpina

Nova Scotia

Agalinis maritima
Alnus serrulata
Aster undulatus
Bartonia virginica
Bidens discoidea
Calamagrostis cinnoides
Carex atlantica ssp. capillacea
Carex longii
Carex saxilittoralis
= C. viridula var. saxilittoralis
Carex viridula var. saxilittoralis
Clethra alnifolia
Coreopsis rosea
Crataegus submollis
Cuscuta cephalanthi
Dichanthelium meridionale
Draba glabella var. pycnosperma
Drosera filiformis
Eleocharis rostellata
Eleocharis tuberculosa
Eupatorium dubium
Euthamia galetorum
Euthamia tenuifolia
= E. galetorum
Gerardia maritima
= Agalinis maritima
Geum peckii
Hieracium scabrum var. leucocaule
Hydrocotyle umbellata
Juncus bulbosus
Juncus secundus
Lachnanthes caroliana
Lachnanthes tinctoria
= L. caroliana
Lilaeopsis chinensis
Listera australis
Lophiola americana
= L. aurea
Lophiola aurea
Najas gracillima
Panicum longifolium
= P. rigidulum var. pubescens
Panicum meridionale
= Dichanthelium meridionale
Panicum rigidulum var. pubescens
Platanthera flava var. flava
Podostemum ceratophyllum
Potamogeton pulcher
Rhexia virginica
Sabatia kennedyana
Scirpus longii
Sisyrinchium arenicola
Solidago tenuifolia
= Euthamia galetorum
Solidago ulmifolia
Spiranthes ochroleuca
Suaeda maritima ssp. richii
Suaeda richii
= S. maritima ssp. richii
Torreyochloa pallida var. pallida
Utricularia radiata
Utricularia subulata
Woodsia alpina
Woodwardia areolata

Ontario

Aesculus glabra var. glabra
Agalinis gattingeri
Agalinis skinneriana
Agastache scrophulariifolia
Agrimonia parviflora
Agropyron dasystachyum var. psammophilum
= A. psammophilum
Agropyron psammophilum
Aletris farinosa
Ammannia coccinia
= A. robusta
Ammannia robusta
Amorpha fruticosa
Aplectrum hyemale
Arabis shortii var. shortii
Arisaema dracontium
Aristida basiramea
Aristida longispica
= A. longispica var. geniculata
Aristida longispica var. geniculata
Aristida necopina
Aristida purpurascens
Asclepias hirtella
Asclepias purpurascens
Asclepias quadrifolia
Asclepias sullivantii
Asclepias variegata
Asimina triloba
Asplenium ruta-muraria
Asplenium ruta-muraria var. cryptolepis
= A. ruta-muraria
Aster divaricatus
Aster dumosus var. strictior
Aster praealtus var. praealtus
Aster prenanthoides
Aster schreberi
Aster sericeus
= Virgulus sericeus
Aster shortii
Aster undulatus
Aureolaria pedicularia
Aureolaria virginica
Azolla caroliniana
Baptisia tinctoria
Bartonia paniculata ssp. paniculata
Bartonia virginica
Betula lenta
Bidens coronata
Bidens discoidea
Blephilia ciliata
Blephilia hirsuta var. hirsuta
Botrychium acuminatum
Botrychium ascendens
Botrychium campestre
Botrychium hesperium
Botrychium pseudopinnatum
Botrychium rugulosum
Bouteloua curtipendula var. curtipendula
Buchnera americana
Cacalia plantaginea
Calamovilfa longifolia var. magna
Camassia scilloides
Campsis radicans
Carex aggregata
Carex alata
Carex appalachica
Carex atlantica ssp. capillacea
Carex bicknellii var. bicknellii
Carex careyana
Carex crus-corvi
Carex davisii
Carex emoryi
Carex frankii
Carex glaucodea
Carex gracilescens
Carex gravida var. gravida
Carex hirsutella
Carex hyalinolepis
Carex jamesii
Carex laxiflora var. gracillima
= C. gracilescens
Carex leavenworthii
Carex longii
Carex lupuliformis
Carex meadii
Carex muskingumensis
Carex nigromarginata
Carex oligocarpa
Carex prasina
Carex radiata
= C. appalachica
Carex retroflexa var. retroflexa
Carex seorsa
Carex shortiana
Carex squarrosa
Carex stricta var. elongata
= C. emoryi
Carex suberecta
Carex tetanica
Carex trichocarpa
Carex typhina
Carex virescens
Carex willdenowii
Carya glabra

Carya laciniosa
Cassia hebecarpa
= Senna hebecarpa
Castanea dentata
Celtis tenuifolia
Cerastium velutinum
Cercis canadensis
Chaerophyllum procumbens
Chamaelirium luteum
Chenopodium foggii
Chenopodium leptophyllum
Chenopodium standleyanum
Chimaphila maculata var. maculata
Cimicifuga racemosa
Cirsium hillii
Cirsium pitcheri
Collinsia verna
Corallorhiza odontorhiza
Coreopsis lanceolata
Coreopsis tripteris
Cornus drummondii
Corydalis flavula
Crataegus beata
Crataegus brainerdii
Crataegus conspecta
Crataegus corusca
Crataegus dissona
Crataegus dodgei var. dodgei
Crataegus dodgei var. flavida
Crataegus foetida
Crataegus formosa
Crataegus intricata
Crataegus lumaria
Crataegus margaretta
Crataegus mollis var. gigantea
Crataegus nitidula
Crataegus perjucunda
Crataegus persimilis
Crataegus prunifolia
= C. persimilis
Crataegus suborbiculata
Cuscuta campestris
Cuscuta cephalanthi
Cuscuta coryli
Cuscuta polygonorum
Cyperus erythrorhizos
Cyperus flavescens var. poaeformis
Cyperus houghtonii
Cypripedium candidum
Cystopteris protrusa
Desmodium canescens
Desmodium ciliare
Desmodium illinoense
Desmodium marilandicum
Desmodium rotundifolium
Desmodium sessilifolium
Dichanthelium commonsianum var. euchlamydeum
Dichanthelium dichotomum var. dichotomum
Dichanthelium meridionale
Dichanthelium perlongum
Dichanthelium sphaerocarpon var. sphaerocarpon
Dichanthelium villosissimum var. praecocius
Disporum lanuginosum
Dryopteris robertiana
= Gymnocarpium robertianum
Echinochloa walteri
Eleocharis caribaea
Eleocharis engelmannii
Eleocharis equisetoides
Eleocharis ovata var. engelmannii
= E. engelmannii
Eleocharis quadrangulata
Eleocharis rostellata
Enemion biternatum
Eragrostis capillaris
Eragrostis spectabilis
Erigenia bulbosa
Erigeron philadelphicus ssp. provancheri
Euonymus atropurpureus
Eupatorium coelestinum
Eupatorium purpureum var. purpureum
Euphorbia commutata
Euphorbia obtusata
Euphrasia vinacea
Fimbristylis puberula var. puberula
Fimbristylis spadicea
= F. puberula var. puberula
Frasera caroliniensis
Fraxinus quadrangulata
Fuirena pumila
Galium pilosum
Gaura biennis
Gentiana alba
Gentiana puberulenta
Gentianella quinquefolia ssp. occidentalis
Gentianella quinquefolia ssp. quinquefolia
Geum vernum
Gillenia trifoliata
= Porteranthus trifoliatus
Gleditsia triacanthos
Gnaphalium purpureum
Gymnocarpium robertianum
Gymnocladus dioicus
Hammarbya paludosa
= Malaxis paludosa
Hemicarpha micrantha

(Ontario)
Heuchera americana var. americana
Hibiscus laevis
Hibiscus moscheutos ssp. moscheutos
Hieracium longipilum
Hieracium venosum var. nudicaule
Hybanthus concolor
Hydrastis canadensis
Hydrophyllum appendiculatum
Hymenoxys acaulis var. glabra
Hypericum gentianoides
Hypericum prolificum
Ipomoea pandurata
Iris brevicaulis
Iris lacustris
Isoetes eatonii
Isoetes engelmannii
Isopyrum biternatum
= Enemion biternatum
Isotria medeoloides
Isotria verticillata
Juncus biflorus
Juncus brachycarpus
Juncus secundus
Justicia americana
Krigia biflora
Lactuca floridana
Lechea minor
Lechea pulchella
Lechea villosa
Leptoloma cognatum
Lespedeza violacea
Lespedeza virginica
Leucospora multifida
Liatris aspera var. intermedia
Liatris spicata
Linaria canadensis var. canadensis
Linum lewisii ssp. lepagei
Linum medium var. medium
Linum medium var. texanum
Linum striatum
Linum virginianum
Liparis liliifolia
Lippia lanceolata
= Phyla lanceolata
Liriodendron tulipifera
Listera australis
Lithospermum latifolium
Ludwigia alternifolia
Ludwigia polycarpa
Lupinus perennis ssp. perennis
Lycopus rubellus
Lycopus virginicus
Lythrum alatum
Magnolia acuminata
Malaxis paludosa
Mertensia virginica
Mimulus alatus
Mimulus glabratus
Mimulus glabratus var. fremontii
= M. glabratus
Monarda didyma
Monarda punctata var. villicaulis
Morus rubra
Muhlenbergia sylvatica var. sylvatica
Muhlenbergia tenuiflora var. tenuiflora
Myosotis macrosperma
Najas gracillima
Nelumbo lutea
Nuphar advena
Nyssa sylvatica var. sylvatica
Oenothera clelandii
Oenothera fruticosa ssp. glauca
Oenothera pilosella ssp. pilosella
Opuntia humifusa
Oxypolis rigidior
Panax quinquefolius
Panicum gattingeri
Panicum meridionale
= Dichanthelium meridionale
Panicum perlongum
= Dichanthelium perlongum
Panicum rigidulum var. rigidulum
Paronychia canadensis
Paronychia fastigiata var. fastigiata
Paspalum setaceum var. muhlenbergii
Pellaea atropurpurea
Peltandra virginica ssp. virginica
Phacelia purshii
Phegopteris hexagonoptera
= Thelypteris hexagonoptera
Phlox pilosa ssp. pilosa
Phlox subulata ssp. subulata
Phyla lanceolata
Phyllitis scolopendrium var. americana
Pinus rigida
Plantago cordata
Platanthera ciliaris
Platanthera flava var. flava
Platanthera leucophaea
Poa sylvestris
Podostemum ceratophyllum
Polygala cruciata
Polygala incarnata
Polygonella articulata
Polygonum erectum
Polygonum tenue
Porteranthus trifoliatus

Potamogeton bicupulatus
Potamogeton hillii
Potamogeton porsildiorum
= P. subsibiricus
Potamogeton pulcher
Potamogeton subsibiricus
Ptelea trifoliata ssp. trifoliata
Pycnanthemum incanum var. incanum
Pycnanthemum pilosum
Quercus ellipsoidalis
Quercus palustris
Quercus prinoides
Quercus shumardii var. shumardii
Ranunculus pallasii
Ratibida pinnata
Rhexia virginica
Rhus copallina var. latifolia
Rosa setigera
Rotala ramosior
Sabatia angularis
Sagittaria graminea var. cristata
Sanicula canadensis var. grandis
Saxifraga pensylvanica
Scirpus heterochaetus
Scirpus smithii
Scirpus verecundus
Scleria pauciflora
Scleria triglomerata
Scleria verticillata
Scutellaria nervosa
Senecio glabellus
Senecio obovatus
Senna hebecarpa
Silene virginica
Silphium perfoliatum
Silphium terebinthinaceum
var. terebinthinaceum
Sisyrinchium albidum
Solidago arguta var. arguta
Solidago glutinosa var. ontarioensis
Solidago houghtonii
Solidago riddellii
Solidago speciosa var. rigidiuscula
Solidago ulmifolia
Sparganium androcladum
Sphenopholis nitida
Spiranthes lacera var. gracilis
Spiranthes magnicamporum
Spiranthes ochroleuca
Spiranthes ovalis var. erostellata
Sporobolus asper var. asper
Stipa avenacea
Strophostyles helvula
Stylophorum diphyllum
Tephrosia virginiana
Thalictrum revolutum
Thaspium barbinode
Thaspium trifoliatum
Thelypteris hexagonoptera
Torreyochloa pallida var. pallida
Tradescantia ohiensis var. ohiensis
Trichostema dichotomum
Trillium flexipes
Triosteum angustifolium var. angustifolium
Triphora trianthophora
Uvularia perfoliata
Vaccinium stamineum var. stamineum
Valeriana edulis ssp. ciliata
Valerianella chenopodiifolia
Valerianella umbilicata
Verbesina alternifolia
Vernonia gigantea
Veronicastrum virginicum
Viburnum dentatum var. lucidum
= V. recognitum
Viburnum recognitum
Vicia caroliniana
Viola palmata
Viola pedata
Viola rafinesquii
Viola rotundifolia
Viola striata
Virgulus sericeus
Vitis vulpina
Woodsia alpina
Woodsia obtusa

Prince Edward Island

Aster laurentianus
Aster laurentianus var. contiguus
= A. laurentianus
Bidens heterodoxa
Lechea maritima var. subcylindrica
Myriophyllum quitense
Spiranthes ochroleuca
Triglochin gaspense

Quebec

Alnus serrulata
Angelica laurentiana
Antennaria eucosma
Aplectrum hyemale
Arenaria marcescens
= Minuartia marcescens
Arisaema dracontium
Arnica frigida ssp. griscomii
=Arnica griscomii ssp. frigida
Arnica griscomii ssp. frigida

Arnica louiseana ssp. griscomii
=Arnica griscomii ssp. frigida
Asplenium ruta-muraria
Asplenium ruta-muraria var. cryptolepis
= A. ruta-muraria
Aster anticostensis
Aster divaricatus
Aster gaspensis
= A. anticostensis
Aster laurentianus
Aster laurentianus var. contiguus
= A. laurentianus
Aster linarifolius
Astragalus robbinsii var. fernaldii
Bartonia virginica
Bidens discoidea
Bidens eatonii
Bidens heterodoxa
Blephilia hirsuta var. hirsuta
Botrychium rugulosum
Carex adelostoma
Carex appalachica
Carex atlantica ssp. capillacea
Carex bicknellii var. bicknellii
Carex gracilescens
Carex hirsutella
Carex hostiana
Carex hostiana var. laurentiana
= C. hostiana
Carex laxiflora var. gracillima
= C. gracilescens
Carex lupuliformis
Carex morrisseyi
= C. adelostoma
Carex oligocarpa
Carex petricosa var. misandroides
Carex prasina
Carex radiata
= C. appalachica
Carex rufina
Carex typhina
Carex virescens
Cerastium cerastioides
Chenopodium foggii
Cicuta maculata var. victorinii
Cirsium foliosum var. minganense
Crataegus brainerdii
Crataegus suborbiculata
Cyperus houghtonii
Cypripedium passerinum var. minganense
Deschampsia cespitosa ssp. alpina
Draba glabella var. pycnosperma
Draba hirta var. pycnosperma
= D. glabella var. pycnosperma
Draba peasei
Dryopteris robertiana
= Gymnocarpium robertianum
Echinochloa walteri
Erigeron hyssopifolius var. villicaulis
Erigeron philadelphicus ssp. provancheri
Eriocaulon parkeri
Erysimum inconspicuum var. coarctatum
Gentiana tenella
= Gentianella tenella
Gentiana victorinii
= Gentianopsis victorinii
Gentianella crinita ssp. victorinii
= Gentianopsis victorinii
Gentianella tenella ssp. tenella
Gentianopsis victorinii
Gnaphalium norvegicum
Gratiola neglecta var. glaberrima
Gymnocarpium robertianum
Habenaria straminea
= Platanthera albida var. straminea
Hemicarpha micrantha
Isoetes hieroglyphica
Justicia americana
Linaria canadensis var. canadensis
Lindernia dubia var. inundata
Listera australis
Lophotocarpus spongiosus
= Sagittaria calycina var. spongiosa
Lycopus americanus var. laurentianus
Mimulus glabratus
Mimulus glabratus var. fremontii
= M. glabratus
Minuartia marcescens
Monarda didyma
Muhlenbergia sylvatica var. sylvatica
Muhlenbergia tenuiflora var. tenuiflora
Oenothera fruticosa ssp. glauca
Panax quinquefolius

Pellaea atropurpurea
Peltandra virginica ssp. virginica
Phegopteris hexagonoptera
= Thelypteris hexagonoptera
Pinus rigida
Platanthera albida var. straminea
Poa fernaldiana
Poa laxa ssp. fernaldiana
= P. fernaldiana
Podostemum ceratophyllum
Polemonium van-bruntiae
Polygonella articulata
Polystichum mohrioides var. scopulinum
= P. scopulinum
Polystichum scopulinum
Potamogeton gemmiparus
= P. pusillus var. gemmiparus
Potamogeton porsildiorum
= P. subsibiricus
Potamogeton pusillus var. gemmiparus
Potamogeton subsibiricus
Ptelea trifoliata ssp. trifoliata
Puccinellia deschampsioides
Ranunculus pallasii
Rosa williamsii
Sagittaria calycina var. spongiosa
Salix chlorolepis
Saxifraga nivalis var. gaspensis
Scirpus heterochaetus
Scirpus pumilus ssp. rollandii
Scirpus pumilus var. rollandii
= S. pumilus ssp. rollandii
Scirpus rollandii
= S. pumilus ssp. rollandii
Scirpus smithii
Sedum villosum
Solidago chlorolepis
= S. glutinosa var. chlorolepis
Solidago glutinosa var. chlorolepis
Solidago glutinosa var. racemosa
Solidago glutinosa var. randii
Solidago spathulata
= S. glutinosa var. racemosa and var. randii
Solidago spathulata var. racemosa
= S. glutinosa var. racemosa
Sparganium androcladum
Sparganium glomeratum
Sporobolus asper var. asper
Strophostyles helvula
Thelypteris hexagonoptera
Torreyochloa pallida var. pallida
Trichophorum pumilum
= Scirpus pumilus ssp. rollandii
Trichostema dichotomum
Triglochin gaspense
Viburnum dentatum var. lucidum
= V. recognitum
Viburnum recognitum
Viola rotundifolia
Woodsia alpina
Woodsia obtusa
Zizania aquatica var. brevis

Saskatchewan

Abronia micrantha
= Tripterocalyx micranthus
Achillea lanulosa ssp. megacephala
= A. millefolium var. megacephalum
Achillea millefolium var. megacephala
Agoseris cuspidata
= Nothocalis cuspidata
Agropyron dasystachyum var. psammophilum
= A. psammophilum
Agropyron psammophilum
Allium geyeri
Alopecurus carolinianus
Antennaria corymbosa
Armeria maritima ssp. interior
Astragalus kentrophyta var. kentrophyta
Astragalus racemosus var. racemosus
Atriplex aptera
= A. cansecens ssp. aptera
Atriplex canescens ssp. aptera
Atriplex powellii
Boisduvalia glabella
Botrychium campestre
Botrychium hesperium
Botrychium paradoxum
Botrychium pedunculosum
Bouteloua curtipendula var. curtipendula
Buchloe dactyloides
Camissonia andina
Camissonia breviflora
Carex gravida var. gravida
Carex meadii
Carex rufina

(Saskatchewan)
Carex tetanica
Chenopodium dacoticum
= C. watsonii
Chenopodium leptophyllum
Chenopodium subglabrum
Chenopodium watsonii
Crepis occidentalis
Crepis occidentalis ssp. pumila
= C. occidentalis
Cryptantha kelseyana
Cryptantha minima
Cuscuta coryli
Cypripedium candidum
Dalea villosa var. villosa
Deschampsia mackenzieana
Dichanthelium oligosanthes var. wilcoxianum
Downingia laeta
Eleocharis engelmannii
Eleocharis ovata var. engelmannii
= E. engelmannii
Eleocharis parvula var. anachaeta
Elodea bifoliata
Elodea longivaginata
= E. bifoliata
Epilobium halleanum
Erigeron radicatus
Eriogonum cernuum
Halimolobos virgata
Hammarbya paludosa
= Malaxis paludosa
Hutchinsia procumbens
= Hymenolobus procumbens
Hymenolobus procumbens
Hymenopappus filifolius var. polycephalus
Juncus nevadensis var. nevadensis
Lechea intermedia var. depauperata
Lechea minor var. depauperata
= L. intermedia var. depauperata
Lilaea scilloides
Lomatium cous
Lomatium orientale
Malaxis paludosa
Mentzelia albicaulis
Microseris cuspidata
= Nothocalais cuspidata
Mimulus glabratus
Mimulus glabratus var. fremontii
= M. glabratus
Muhlenbergia andina
Munroa squarrosa
Nothocalais cuspidata
Oenothera andina
= Camissonia andina
Oenothera breviflora
= Camissonia breviflora
Oxytropis besseyi var. besseyi
Panicum wilcoxianum
= Dichanthelium oligosanthes var. wilcoxianum
Pellaea atropurpurea
Petalostemon villosum
= Dalea villosa var. villosa
Phlox alyssifolia
Polygala alba
Polygonum confertiflorum
= P. polygaloides ssp. confertiflorum
Polygonum polygaloides ssp. confertiflorum
Psilocarphus elatior
Puccinellia distans ssp. hauptiana
Puccinellia hauptiana
= P. distans ssp. hauptiana
Puccinellia interior
= P. distans ssp. hauptiana
Rorippa tenerrima
Rorippa truncata
Salix brachycarpa var. psammophila
Salix planifolia ssp. tyrrellii
Salix silicicola
Salix turnorii
Salix tyrrellii
= S. planifolia ssp. tyrrellii
Saxifraga pensylvanica
Scirpus pumilus ssp. rollandii
Scirpus pumilus var. rollandii
= S. pumilus ssp. rollandii
Scirpus rollandii
= S. pumilus ssp. rollandii
Senecio cymbalarioides
Stellaria arenicola
Stephanomeria runcinata
Suaeda moquinii
Tanacetum huronense var. floccosum
Trichophorum pumilum
= Scirpus pumilus ssp. rollandii
Tripterocalyx micranthus
Trisetum wolfii

Yukon Territory

Agrostis clavata
Agrostis filiculmis
= A. clavata
Androsace alaskana
Anemone multiceps
Antennaria friesiana ssp. alaskana
Aphragmus eschscholtzianus
Artemisia globularia
Artemisia laciniata
Artemisia rupestris ssp. woodii
Aster yukonensis
Astragalus nutzotinensis
Botrychium ascendens
Calamagrostis purpurascens var. maltei
Calamagrostis robertii
Carex eleusinoides
Carex laxa
Carex sabulosa ssp. leiophylla
Claytonia arctica
Claytonia ogilviensis
Claytonia scammaniana
Cryptogramma crispa var. sitchensis
= C. sitchensis
Cryptogramma sitchensis
Cypripedium guttatum
Delphinium brachycentrum
Dianthus repens
Draba kluanei
Draba murrayi
Draba ogilviensis
Draba ruaxes
Draba scotteri
Draba stenopetala
Draba ventosa
Draba yukonensis
Erigeron hyperboreus
Erigeron mexiae
Erigeron muirii
Eritrichium splendens
Erysimum asperum var. angustatum
Festuca auriculata
Festuca brevissima
Festuca lenensis
Festuca minutiflora
Festuca ovina ssp. alaskana
= F. lenensis
Gentiana tenella
= Gentianella tenella
Gentianella tenella ssp. tenella
Haplopappus macleanii
Huperzia miyoshiana
Huperzia selago var. miyoshiana
= Huperzia miyoshiana
Iris setosa var. interior
Koeleria asiatica
Lewisia pygmaea ssp. pygmaea
Linnaea borealis ssp. borealis
Lycopodium selago var. miyoshianum
= Huperzia miyoshiana
Melandrium apetalum ssp. ogilviense
= Silene uralensis ssp. ogilviense
Montia bostockii
Oxytropis nigrescens var. lonchopoda
Papaver freedmanianum
Papaver mcconnellii
Papaver nudicaule ssp. americanum
Papaver walpolei
Phacelia mollis
Poa nevadensis
Poa porsildii
Podistera macounii
Podistera yukonensis
Polygonum caurianum var. caurianum
Potamogeton porsildiorum
= P. subsibiricus
Potamogeton subsibiricus
Primula tschuktschorum ssp. cairnsiana
Puccinellia agrostoidea
Puccinellia arctica
Puccinellia deschampsioides
Puccinellia distans ssp. hauptiana
Puccinellia hauptiana
= P. distans ssp. hauptiana
Puccinellia interior
= P. distans ssp. hauptiana
Ranunculus pallasii
Ranunculus turneri
Rorippa barbareifolia
Rubus arcticus ssp. stellatus
Rubus stellatus
= R. arcticus ssp. stellatus
Salix arctolitoralis
= S. ovalifolia var. arctolitoralis
Salix chamissonis
Salix ovalifolia var. arctolitoralis
Salix ovalifolia var. ovalifolia
Salix setchelliana
Saxifraga eschscholtzii
Saxifraga spicata
Scirpus pumilus ssp. rollandii
Scirpus pumilus var. rollandii
= S. pumilus ssp. rollandii
Scirpus rollandii
= S. pumilus ssp. rollandii

(Yukon Territory)
Silene menziesii ssp. williamsii
Silene uralensis ssp. ogilviensis
Silene williamsii
= S. menziesii ssp. williamsii
Smelowskia calycina var. porsildii
Stellaria alaskana
Stellaria dicranoides
Stellaria umbellata
Stenotus borealis
= Haplopappus macleanii
Tanacetum bipinnatum
Taraxacum carneocoloratum
Taraxacum integratum
Taraxacum maurolepium
Thlaspi arcticum
Trichophorum pumilum
= Scirpus pumilus ssp. rollandii
Trisetum sibiricum ssp. litorale
Viola biflora ssp. biflora
Woodsia alpina

APPENDIX IV

Canadian Priority Lists of Rare Vascular Plants in Canada

Priority 1

Adiantum capillus-veneris
Agalinis gattingeri
Agalinis skinneriana
Aletris farinosa
Armeria maritima
ssp. interior
Aster anticostensis
Aster yukonensis
Botrychium acuminatum
Botrychium paradoxum
Buchnera americana
Cirsium pitcheri
Collinsia verna
Coreopsis rosea
Crataegus beata
Crataegus persimilis
Cypripedium candidum
Draba lonchocarpa
var. vestita
Draba murrayi
Drosera filiformis
Erigeron mexiae
Erigeron muirii
Erigeron salishii
Erysimum asperum
var. angustatum
Fraxinus quadrangulata
Gentiana alba
Gentianopsis victorinii
Geum peckii
Gymnocladus dioicus
Hydrastis canadensis
Hydrocotyle umbellata
Hymenoxys acaulis
var. glabra
Iris lacustris
Iris missouriensis
Isotria medeoloides
Isotria verticillata
Lespedeza virginica
Liparis liliifolia
Lophiola aurea
Mertensia drummondii
Minuartia marcescens
Montia bostockii
Papaver mcconnellii
Papaver pygmaeum
Pedicularis furbishiae
Phacelia mollis
Plantago cordata
Platanthera leucophaea
Poa fernaldiana
Poa porsildii
Podistera yukonensis
Polygala incarnata
Primula tschuktschorum
ssp. cairnsiana
Pycnanthemum incanum
var. incanum
Ranunculus turneri
Rotala ramosior
Sabatia kennedyana
Salix pedunculata
Salix turnorii
Salix tweedyi
Senecio conterminus
Senecio integerrimus
var. ochroleucus
Senecio moresbiensis
Smelowskia calycina
var. porsildii
Solidago houghtonii
Stellaria alaskana
Taraxacum carneocoloratum
Thlaspi arcticum
Triglochin gaspense

Priority 2

Abronia umbellata
ssp. acutalata
Achillea millefolium
var. megacephala
Aesculus glabra
var. glabra
Agastache scrophulariifolia
Allium geyeri
Amorpha fruticosa
Aplectrum hyemale
Aristida purpurascens
Asclepias variegata
Asplenium ruta-muraria
Astragalus microcystis
Astragalus nutzotinensis
Aureolaria virginica
Bidens amplissima
Bidens heterodoxa
Blephilia hirsuta
var. hirsuta
Botrychium hesperium
Botrychium pedunculosum
Bouteloua curtipendula
var. curtipendula
Braya pilosa
Carex adelostoma
Carex atlantica
ssp. capillacea
Carex bicknellii
var. bicknellii
Carex eleusinoides
Carex enanderi
Carex gravida
var. gravida
Carex hirsutella
Carex laxa
Carex longii
Carex lupuliformis
Carex meadii
Carex nebraskensis
Carex oligocarpa
Castanea dentata
Castilleja cusickii
Castilleja levisecta
Chamaelirium luteum

Chenopodium foggii
Chenopodium leptophyllum
Chenopodium subglabrum
Chimaphila maculata
var. maculata
Cicuta maculata
var. victorinii
Clethra alnifolia
Crataegus brainerdii
Crataegus dodgei
var. flavida
Crataegus formosa
Crataegus intricata
Crataegus perjucunda
Cryptogramma crispa
var.sitchensis
Cuscuta campestris
Cuscuta cephalanthi
Cuscuta coryli
Cypripedium guttatum
Deschampsia mackenzieana
Desmodium ciliare
Desmodium illinoense
Desmodium marilandicum
Draba peasei
Draba ruaxes
Draba stenopetala
Eleocharis engelmannii
Eleocharis rostellata
Epipactis gigantea
Erigeron radicatus
Eriocaulon parkeri
Eritrichium splendens
Fimbristylis puberula
var. puberula
Fuirena pumila
Gentiana puberulenta
Gnaphalium purpureum
Gymnocarpium robertianum
Hackelia ciliata
Hemicarpha micrantha
Hibiscus laevis
Hieracium longipilum
Hieracium scabrum
var. leucocaule
Hymenophyllum wrightii
Hypericum gentianoides
Isoetes eatonii
Isoetes hieroglyphica
Justicia americana
Koeleria asiatica
Lactuca floridana
Ligusticum verticillatum
Limnanthes macounii
Linum medium
var. medium
Listera australis
Magnolia acuminata
Morus rubra
Muhlenbergia tenuiflora
var. tenuiflora
Najas gracillima
Oenothera fruticosa
ssp. glauca
Opuntia humifusa
Oreopteris quelpaertensis
Oxytropis lagopus
var. conjugans
Panax quinquefolius
Pedicularis parviflora
ssp. parviflora
Peltandra virginica
ssp. virginica
Phacelia lyallii
Phlox pilosa
ssp. pilosa
Phyllitis scolopendrium
var. americana
Platanthera chorisiana
Poa abbreviata
ssp. jordalii
Podostemum ceratophyllum
Polemonium van-bruntiae
Polygala cruciata
Polygonum erectum
Potamogeton hillii
Potamogeton pulcher
Potamogeton subsibiricus
Ptelea trifoliata
ssp. trifoliata
Puccinellia agrostoidea
Puccinellia andersonii
Puccinellia arctica
Rorippa barbareifolia
Sabatia angularis
Salix brachycarpa
var. psammophila
Salix chamissonis
Salix chlorolepis
Salix jejuna
Salix ovalifolia
var. arctolitoralis
Salix planifolia
ssp. tyrrellii
Salix setchelliana
Salix silicicola
Sanicula canadensis
var. grandis
Saxifraga redowskii
Scirpus longii
Scleria pauciflora
Silene virginica
Solidago glutinosa
var. ontarioensis
Solidago riddellii
Solidago ulmifolia
Sparganium glomeratum
Spiranthes magnicamporum
Sporobolus asper
var. asper
Stellaria arenicola
Suaeda maritima
ssp. richii
Taraxacum integratum
Taraxacum maurolepium
Trillium flexipes
Triosteum angustifolium
var. angustifolium
Triphora trianthophora
Trisetum wolfii
Valeriana edulis
ssp. ciliata
Veronicastrum virginicum
Woodsia obtusa

Priority 3

Agalinis maritima
Agropyron psammophilum
Agrostis clavata
Ammannia robusta
Androsace alaskana
Anemone multiceps
Angelica dawsonii
Angelica laurentiana
Antennaria eucosma
Aphragmus
eschscholtzianus
Arabis shortii var. shortii

Arisaema dracontium
Aristida longispica
var. geniculata
Aristida necopina
Arnica griscomii
ssp. frigida
Artemisia laciniata
Artemisia rupestris
ssp. woodii
Asclepias hirtella
Asclepias purpurascens
Asclepias quadrifolia
Asclepias sullivantii
Asimina triloba
Asplenium adulterinum
ssp. presolanense
Aster divaricatus
Aster laurentianus
Aster nahanniensis
Aster paucicapitatus
Aster prenanthoides
Aster schreberi
Aster shortii
Astragalus robbinsii
var. fernaldii
Atriplex alaskensis
Atriplex praecox
Azolla caroliniana
Azolla mexicana
Baptisia tinctoria
Bartonia paniculata
ssp. paniculata
Betula glandulosa
var. hallii
Bidens discoidea
Blephilia ciliata
Boisduvalia glabella
Botrychium pseudopinnatum
Botrychium rugulosum
Braya fernaldii
Braya glabella
var. prostrata
Braya humilis
var. ellesmerensis
Braya humilis
var. maccallae
Braya longii
Braya thorild-wulffii
var. glabrata
Cacalia plantaginea
Calamagrostis purpurascens
var. maltei
Calamagrostis robertii
Calochortus lyallii
Camassia scilloides
Camissonia andina
Cardamine angulata
Carex aggregata
Carex alata
Carex amplifolia
Carex appalachica
Carex careyana
Carex crus-corvi
Carex davisii
Carex emoryi
Carex glaucodea
Carex gracilescens
Carex hendersonii
Carex hostiana
Carex interrupta
Carex jamesii
Carex leavenworthii
Carex muskingumensis
Carex nigromarginata
Carex petricosa
var. misandroides
Carex ramenskii
Carex rariflora
var. androgyna
Carex retroflexa
var. retroflexa
Carex sabulosa
ssp. leiophylla
Carex seorsa
Carex shortiana
Carex squarrosa
Carex suberecta
Carex tetanica
Carex trichocarpa
Carex typhina
Carex virescens
Carex viridula
var. saxilittoralis
Carex willdenowii
Carya glabra
Carya laciniosa
Cassiope lycopodioides
ssp. cristapilosa
Castilleja elmeri
Castilleja thompsonii
Celtis tenuifolia
Cerastium cerastioides
Cerastium terrae-novae
Cercis canadensis
Chaerophyllum procumbens
Cimicifuga racemosa
Cirsium foliosum
var. minganense
Cirsium hillii
Claytonia arctica
Claytonia ogilviensis
Claytonia scammaniana
Corallorhiza odontorhiza
Corydalis flavula
Crassula erecta
Crataegus foetida
Crataegus margaretta
Crataegus suborbiculata
Crepis modocensis
ssp. rostrata
Cuscuta polygonorum
Cyperus erythrorhizos
Cyperus flavescens
var. poaeformis
Cyperus houghtonii
Cypripedium passerinum
var. minganense
Cystopteris protrusa
Dalea villosa
var. villosa
Deschampsia cespitosa
ssp. alpina
Desmodium sessilifolium
Dichanthelium dichotomum
var. dichotomum
Dichanthelium meridionale
Dichanthelium perlongum
Dichanthelium villosissimum
var. praecocius
Douglasia montana
Draba glabella
var. pycnosperma
Draba kananaskis
Draba kluanei
Draba lonchocarpa
var. thompsonii
Draba ogilviensis
Draba scotteri
Draba ventosa
Draba yukonensis
Eburophyton austiniae
Echinochloa walteri
Eleocharis caribaea
Eleocharis equisetoides
Eleocharis parvula
var. anachaeta
Eleocharis quadrangulata
Elodea bifoliata
Enemion biternatum
Enemion savilei
Epilobium mirabile
Eragrostis capillaris

Erigeron hyperboreus
Erigeron hyssopifolius
var. villicaulis
Erigeron leibergii
Erigeron philadelphicus
ssp. provancheri
Erigeron philadelphicus
var. glabra
Erigeron trifidus
Eriogonum cernuum
Erysimum inconspicuum
var. coarctatum
Euphorbia commutata
Euphorbia obtusata
Festuca auriculata
Festuca brevissima
Festuca lenensis
Frasera caroliniensis
Gentiana nivalis
Gentiana platypetala
Gentianella quinquefolia
ssp. occidentalis
Gentianella quinquefolia
ssp. quinquefolia
Geum schofieldii
Githopsis specularioides
Gnaphalium norvegicum
Gratiola neglecta
var. glaberrima
Halimolobos whitedii
Haplopappus macleanii
Hieracium venosum
var. nudicaule
Huperzia miyoshiana
Hybanthus concolor
Hydrocotyle verticillata
Hypericum prolificum
Ipomoea pandurata
Iris brevicaulis
Iris setosa
var. interior
Isoetes engelmannii
Isoetes nuttallii
Juncus biflorus
Juncus brachycarpus
Juncus kelloggii
Juncus secundus
Lactuca terrae-novae
Lechea intermedia
var. depauperata
Lechea maritima
var. subcylindrica
Lechea minor
Lechea pulchella
Lepidium oxycarpum
Lespedeza violacea
Leucospora multifida
Lewisia tweedyi
Ligusticum calderi
Lilaea scilloides
Linaria canadensis
var. canadensis
Linum lewisii
ssp. lepagei
Linum medium
var. texanum
Linum virginianum
Lithospermum latifolium
Lomatium brandegei
Lomatium sandbergii
Ludwigia alternifolia
Ludwigia polycarpa
Lycopus americanus
var. laurentianus
Lycopus rubellus
Malaxis paludosa
Meconella oregana
Mertensia virginica
Microseris bigelovii
Mimulus alatus
Mimulus glabratus
Monarda punctata
var. villicaulis
Muhlenbergia andina
Muhlenbergia sylvatica
var. sylvatica
Myosotis macrosperma
Myriophyllum ussuriense
Nelumbo lutea
Oenothera clelandii
Oenothera pallida
ssp. pallida
Orobanche corymbosa
var. mutabilis
Orobanche pinorum
Oxypolis rigidior
Oxytropis nigrescens
var. lonchopoda
Panicum rigidulum
var. pubescens
Papaver alboroseum
Papaver dahlianum
Papaver freedmanianum
Papaver nudicaule
ssp. americanum
Papaver walpolei
Paronychia canadensis
Paronychia fastigiata
var. fastigiata
Penstemon lyallii
Penstemon pruinosus
Phlox alyssifolia
Phyla lanceolata
Pinus rigida
Platanthera albida
var. straminea
Platanthera ciliaris
Platanthera flava
var. flava
Platanthera praeclara
Poa laxa
var. flexuosa
Poa nascopieana
Poa sylvestris
Polygonum caurianum
var. caurianum
Polygonum tenue
Polystichum scopulinum
Polystichum setigerum
Porteranthus trifoliatus
Potamogeton bicupulatus
Prenanthes sagittata
Psilocarphus elatior
Psoralea physodes
Puccinellia contracta
Puccinellia deschampsioides
Puccinellia distans
ssp. hauptiana
Puccinellia poacea
Pycnanthemum pilosum
Quercus ellipsoidalis
Quercus prinoides
Ranunculus lobbii
Rhexia virginica
Rorippa crystallina
Rosa setigera
Rosa williamsii
Rubus arcticus
ssp. stellatus
Sagittaria calycina
var. spongiosa
Salix brachycarpa
var. fullertonensis
Salix ovalifolia
var. ovalifolia
Salix raupii
Salix reticulata
ssp. glabellicarpa
Sanicula arctopoides
Saxifraga nivalis
var. gaspensis

Saxifraga pensylvanica
Saxifraga stellaris
ssp. stellaris
Saxifraga taylorii
Scirpus heterochaetus
Scirpus smithii
Scirpus verecundus
Scleria triglomerata
Scleria verticillata
Scutellaria nervosa
Sedum villosum
Senna hebecarpa
Silene scouleri
var. pacifica
Silene uralensis
ssp. ogilviensis
Silphium perfoliatum
Sisyrinchium albidum
Solidago arguta
var. arguta
Solidago glutinosa
var. chlorolepis
Solidago glutinosa
var. randii
Sparganium androcladum
Sphenopholis nitida
Spiranthes ochroleuca
Spiranthes ovalis
var. erostellata
Stellaria americana
Stellaria dicranoides
Stellaria umbellata
Stephanomeria runcinata
Stipa avenacea
Talinum sediforme
Tanacetum bipinnatum
Tanacetum huronense
var. floccosum
Taraxacum arcticum
Taraxacum mackenziense
Tephrosia virginiana
Thalictrum revolutum
Thaspium barbinode
Thaspium trifoliatum
Thelypteris nevadensis
Torreyochloa pallida
var. pallida
Townsendia condensata
Tradescantia occidentalis
Tradescantia ohiensis
var. ohiensis
Trichostema dichotomum
Trifolium variegatum
Tripterocalyx micranthus
Trisetum sibiricum
ssp. litorale
Uvularia perfoliata
Valerianella chenopodiifolia
Valerianella umbilicata
Verbesina alternifolia
Veronica alpina
var. terrae-novae
Viola biflora
ssp. carlottae
Viola maccabeana
Viola palmata
Viola pedata
Viola striata
Virgulus sericeus
Vitis vulpina
Woodsia alpina

Priority 4

Agalinis aspera
Agrimonia parviflora
Agrostis pallens
Allium amplectens
Allium validum
Alopecurus carolinianus
Antennaria corymbosa
Antennaria friesiana
ssp. alaskana
Aristida basiramea
Artemisia globularia
Asclepias otarioides
Aster curtus
Aster dumosus
var. strictior
Aster linariifolius
Aster praealtus
var. praealtus
Aster radulinus
Aster undulatus
Astragalus convallarius
var. convallarius
Astragalus kentrophyta
var. kentrophyta
Athysanus pusillus
Atriplex canescens
ssp. aptera
Atriplex powellii
Aureolaria pedicularia
Bacopa rotundifolia
Balsamorhiza deltoidea
Bartonia virginica
Betula lenta
Bidens coronata
Boisduvalia densiflora
Boisduvalia stricta
Botrychium ascendens
Botrychium campestre
Botrychium montanum
Buchloe dactyloides
Calamagrostis cinnoides
Calamagrostis crassiglumis
Calamovilfa longifolia
var. magna
Calochortus apiculatus
Camissonia breviflora
Camissonia contorta
Campsis radicans
Carex circinata
Carex epapillosa
Carex frankii
Carex geyeri
Carex gmelinii
Carex hyalinolepis
Carex paysonis
Carex prasina
Carex rufina
Cassiope lycopodioides
ssp. lycopodioides
Centaurium exaltatum
Centaurium muhlenbergii
Cerastium fischerianum
Cerastium velutinum
Chamaesyce geyeri
Chenopodium standleyanum
Chenopodium watsonii
Cimicifuga elata
Cirsium scariosum
Clarkia amoena
ssp. caurina
Clarkia rhomboidea
Claytonia saxosa
Coreopsis lanceolata
Coreopsis tripteris
Cornus drummondii

Crataegus conspecta
Crataegus dissona
Crataegus lumaria
Crataegus mollis
var. gigantea
Crataegus nitidula
Crepis occidentalis
Cryptantha kelseyana
Cryptantha minima
Cryptogramma sitchensis
Cyperus acuminatus
Delphinium brachycentrum
Delphinium burkei
Deschampsia danthonioides
Desmodium canescens
Desmodium rotundifolium
Dianthus repens
Dichanthelium
commonsianum
var. euchlamydeum
Dichanthelium oligosanthes
var. wilcoxianum
Dichanthelium
sphaerocarpon
var. sphaerocarpon
Dodecatheon dentatum
Dodecatheon hendersonii
ssp. hendersonii
Downingia laeta
Draba densifolia
Eleocharis atropurpurea
Eleocharis tuberculosa
Epilobium glaberrimum
ssp. fastigiatum
Epilobium halleanum
Epilobium hornemannii
ssp. behringianum
Eragrostis spectabilis
Erigenia bulbosa
Erigeron ochroleucus
var. scribneri
Eriogonum pyrolifolium
var. coryphaeum
Erythronium montanum
Erythronium oregonum
Erythronium revolutum
Euonymus atropurpureus
Eupatorium coelestinum
Eupatorium dubium
Eupatorium purpureum
var. purpureum
Euthamia galetorum
Festuca minutiflora
Galium bifolium
Galium pilosum
Galium trifidum
ssp. columbianum
Gaura biennis
Gentiana calycosa
Gentianella tenella
ssp. tenella
Geum vernum
Gleditsia triacanthos
Halimolobos virgata
Haplopappus uniflorus
ssp. uniflorus
Heterocodon rariflorum
Heuchera americana
var. americana
Hibiscus moscheutos
ssp. moscheutos
Hydrocotyle ranunculoides
Hydrophyllum
appendiculatum
Hydrophyllum tenuipes
Hymenolobus procumbens
Hymenopappus filifolius
var. polycephalus
Hypericum scouleri
ssp. nortoniae
Iliamna rivularis
Iris setosa
var. setosa
Isoetes bolanderi
var. bolanderi
Juncus bolanderi
Juncus bulbosus
Juncus nevadensis
var. nevadensis
Juncus oxymeris
Krigia biflora
Lachnanthes caroliana
Lechea villosa
Leptodactylon pungens
Leptoloma cognatum
Lewisia pygmaea
ssp. pygmaea
Liatris aspera
var. intermedia
Liatris spicata
Ligusticum scoticum
ssp. hultenii
Lilaeopsis chinensis
Lindernia dubia
var. anagallidea
Lindernia dubia
var. inundata
Linnaea borealis
ssp. borealis
Linum striatum
Liriodendron tulipifera
Lomatium cous
Lomatium orientalc
Lotus formosissimus
Lotus micranthus
Lotus pinnatus
Lupinus bicolor
Lupinus lepidus
Lupinus minimus
Lupinus perennis
ssp. perennis
Lupinus polycarpus
Lupinus rivularis
Lupinus wyethii
Luzula hitchcockii
Lycopus virginicus
Machaeranthera tanacetifolia
Marah oreganus
Melica spectabilis
Mentzelia albicaulis
Microseris lindleyi
Mimulus breviflorus
Mimulus dentatus
Minuartia nuttallii
Minuartia pusilla
Monarda didyma
Montia diffusa
Montia howellii
Munroa squarrosa
Myrica californica
Myriophyllum hippuroides
Myriophyllum quitense
Navarretia squarrosa
Nemophila breviflora
Nemophila pedunculata
Nicotiana attenuata
Nothocalais cuspidata
Nuphar advena
Nyssa sylvatica
var. sylvatica
Oenothera pilosella
ssp. pilosella
Orobanche californica
ssp. californica
Orthocarpus attenuatus
Orthocarpus castillejoides
var. castillejoides
Orthocarpus hispidus
Orthocarpus imbricatus
Orthocarpus pusillus

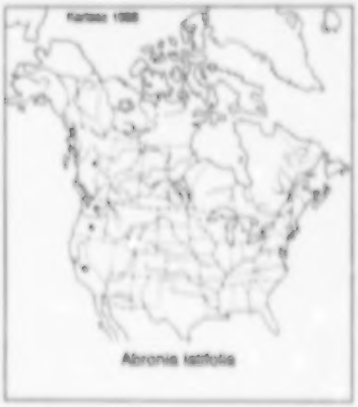
Osmorhiza occidentalis
Panicum gattingeri
Panicum rigidulum
var. rigidulum
Paspalum setaceum
var. muhlenbergii
Pellaea atropurpurea
Penstemon albertinus
Phacelia purshii
Phlox subulata
ssp. subulata
Physocarpus malvaceus
Plagiobothrys hirtus
var. figuratus
Plagiobothrys tenellus
Platanthera praeclara
Poa bolanderi
var. howellii
Poa nevadensis
Poa suksdorfii
Podistera macounii
Polygonella articulata
Polygonum douglasii
ssp. austinae
Polygonum engelmannii
Polygonum polygaloides
ssp. confertiflorum
Polypogon interruptus
Polystichum kruckebergii
Potamogeton pusillus
var. gemmiparus
Primula cuneifolia
ssp. saxifragifolia
Psilocarphus tenellus
Quercus palustris
Quercus shumardii
var. shumardii
Ranunculus alismifolius
Ranunculus californicus
Ranunculus pallasii
Ranunculus verecundus
Ratibida pinnata
Rhododendron
macrophyllum
Ribes cognatum
Romanzoffia tracyi
Rorippa tenerrima
Rorippa truncata
Rumex paucifolius
Sagittaria graminea
var. cristata
Sanicula bipinnatifida
Saxifraga eschscholtzii
Saxifraga spicata
Scirpus pumilus
ssp. rollandii
Scutellaria leonardii
Senecio glabellus
Senecio newcombei
Senecio obovatus
Sidalcea hendersonii
Silene menziesii
ssp. williamsii
Silphium terebinthinaceum
var. terebinthinaceum
Sisyrinchium arenicola
Solidago glutinosa
var. racemosa
Solidago speciosa
var. rigidiuscula
Sphaeralcea munroana
Spiranthes lacera
var. gracilis
Sporobolus airoides
Stellaria obtusa
Strophostyles helvula
Stylophorum diphyllum
Suaeda moquinii
Thelesperma subnudum
var. marginatum
Tonella tenella
Toxicodendron diversilobum
Trifolium bifidum
Trifolium cyathiferum
Trifolium depauperatum
var. depauperatum
Trisetum montanum
Triteleia howellii
Utricularia radiata
Utricularia subulata
Vaccinium stamineum
var. stamineum
Vernonia gigantea
Viburnum recognitum
Vicia caroliniana
Viola biflora
ssp. biflora
Viola praemorsa
ssp. linguifolia
Viola rafinesquii
Vulpia microstachys
Woodwardia areolata
Xerophyllum tenax
Yabea microcarpa
Zizania aquatica
var. brevis

Priority 5

Abronia latifolia
Agastache urticifolia
Allium crenulatum
Alnus serrulata
Amsinckia lycopsoides
Amsinckia spectabilis
Andropogon hallii
Anemone piperi
Aquilegia jonesii
Arctostaphylos columbiana
Arnica longifolia
Artemisia ludoviciana
var. incompta
Astragalus collinus
var. collinus
Astragalus filipes
Astragalus lentiginosus
var. lentiginosus
Astragalus racemosus
var. racemosus
Astragalus sclerocarpus
Berula erecta
Bidens eatonii
Boschniakia hookeri
Boykinia heucheriformis
Brickellia grandiflora
Brickellia oblongifolia
var. oblongifolia
Brodiaea coronaria
ssp. coronaria
Bromus suksdorfii
Cacaliopsis nardosmia
Calandrinia ciliata

Callitriche marginata
Calyptridium umbellatum
Camassia leichtlinii
ssp. suksdorfii
Camassia quamash
Campanula scouleri
Cardamine cordifolia
var. lyallii
Carex engelmannii
Carex luzulina
var. ablata
Carex pansa
Carex praeceptorium
Carex scopulorum
var. bracteosa
Castilleja cervina
Castilleja exilis
Castilleja gracillima
Castilleja rupicola
Chaenactis alpina
Chaenactis douglasii
var. montana
Chrysothamnus viscidiflorus
ssp. lanceolatus
Clarkia pulchella
Claytonia cordifolia
Claytonia spathulata
Conimitella williamsii
Coreopsis tinctoria
var. atkinsoniana
Corydalis scouleri
Crataegus corusca
Crataegus dodgei
var. dodgei
Crataegus submollis
Crocidium multicaule
Cryptantha affinis
Cryptantha ambigua
Cryptantha intermedia
Cryptogramma cascadensis
Delphinium depauperatum
Dicentra uniflora
Disporum lanuginosum
Disporum smithii
Douglasia laevigata
ssp. ciliolata
Downingia elegans
Dryopteris arguta
Elmera racemosa
Epilobium oregonense
Erigeron poliospermus
var. poliospermus
Eriogonum ovalifolium
var. nivale
Eriogonum strictum
ssp. proliferum
Erysimum arenicola
Euonymus occidentalis
Euphrasia salisburgensis
var. hibernica
Euphrasia vinacea
Fraxinus latifolia
Gayophytum humile
Gayophytum racemosum
Geum calthifolium
Gilia capitata
ssp. capitata
Gilia sinuata
Glyceria leptostachya
Hackelia diffusa
var. diffusa
Haplopappus bloomeri
Haplopappus carthamoides
var. carthamoides
Hedysarum occidentale
var. occidentale
Helianthella uniflora
Hordeum depressum
Hydrophyllum fendleri
Idahoa scapigera
Impatiens aurella
Ipomopsis minutiflora
Jaumea carnosa
Juncus covillei
var. covillei
Juncus lesueurii
Juncus nevadensis
var. columbianus
Juncus regelii
Lasthenia minor
ssp. maritima
Lathyrus littoralis
Lepidium densiflorum
var. pubicarpum
Lewisia columbiana
var. columbiana
Lewisia triphylla
Ligusticum canbyi
Lilaeopsis occidentalis
Linanthus bicolor
Linanthus harknessii
var. harknessii
Linaria canadensis
var. texana
Lonicera caerulea
var. cauriana
Lupinus arbustus
ssp. neolaxiflorus
Lupinus arbustus
ssp. pseudoparviflorus
Lupinus leucophyllus
Lupinus littoralis
Lupinus sulphureus
Lupinus vallicola
ssp. apricus
Lythrum alatum
Madia minima
Malaxis diphyllos
Melica harfordii
Mertensia paniculata
var. borealis
Mimulus alsinoides
Mimulus breweri
Mitella caulescens
Monardella odoratissima
ssp. discolor
Montia dichotoma
Nothochelone nemorosa
Orthocarpus bracteosus
Orthocarpus tenuifolius
Oxalis oregana
Oxytropis besseyi
var. besseyi
Pectocarya linearis
var. penicellata
Penstemon attenuatus
var. attenuatus
Penstemon cusickii
Penstemon eriantherus
var. eriantherus
Penstemon montanus
var. montanus
Penstemon ovatus
Penstemon richardsonii
var. richardsonii
Phlox longifolia
ssp. longifolia
Phlox speciosa
Piperia maritima
Pityrogramma triangularis
Pleuropogon refractus
Poa kelloggii
Polygala alba
Polygonum douglasii
ssp. majus
Polygonum polygaloides
ssp. kelloggii
Polypodium scouleri
Polystichum californicum
Polystichum imbricans
ssp. imbricans
Polystichum lemmonii

Rhus copallina
var. latifolia
Ribes montigenum
Rubus lasiococcus
Rubus nivalis
Salix geyeriana
Salix sessilifolia
Saxifraga oregana
var. montanensis
Scrophularia californica
Scutellaria angustifolia
Selaginella oregana
Senecio cymbalarioides
Senecio foetidus
var. foetidus
Senecio foetidus
var. hydrophiloides
Senecio hydrophilus
Senecio macounii
Senecio megacephalus
Senecio serra
Sidalcea oregana
var. procera
Sisyrinchium douglasii
var. douglasii
Sisyrinchium douglasii
var. inflatum
Smelowskia ovalis
var. ovalis
Spergularia macrotheca
Stachys mexicana
Stipa lemmonii
var. lemmonii
Swertia perennis
Thelypodium laciniatum
Thelypodium milleflorum
Thelypteris hexagonoptera
Thermopsis rhombifolia
var. montana
Thysanocarpus curvipes
Trifolium macraei
Trifolium oliganthum
Trifolium willdenovii
Triglochin concinnum
var. concinnum
Triteleia grandiflora
Triteleia hyacinthina
Vaccinium globulare
Valeriana edulis
ssp. edulis
Vernonia fasciculata
ssp. corymbosa
Veronica cusickii
Viola howellii
Viola praemorsa
ssp. praemorsa
Viola rotundifolia
Woodwardia fimbriata
Yucca glauca
var. glauca



Abronia latifolia

Abronia umbellata
sap. acutalata

Achillea millefolium
var. megacephala

Adiantum capillus-veneris

Aesculus glabra
var. glabra

Agalinis aspera

Agalinis gattingeri

Agalinis maritima

Agalinis skinneriana

Agastache scrophulariifolia

Agastache urticifolia

Agrimonia parviflora

Agropyron psammophilum

Agrostis clavata

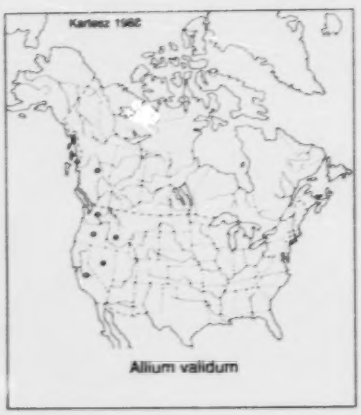
Agrostis pallens

Aletris farinosa

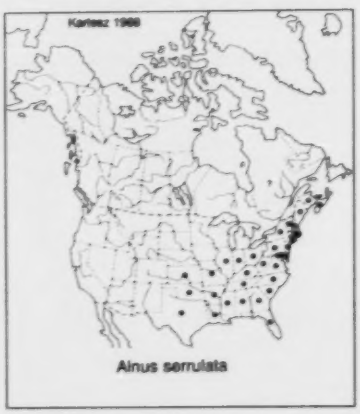
Allium amplectens

Allium crenulatum

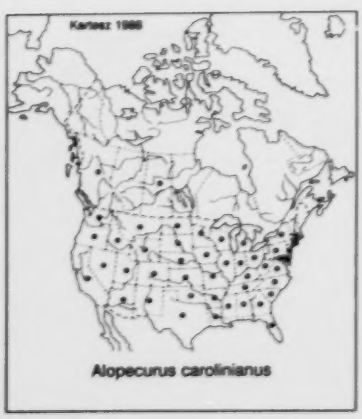
Allium geyeri



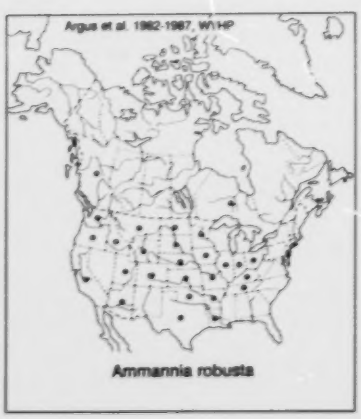
Allium validum



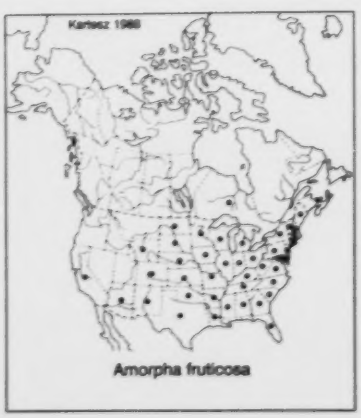
Alnus serrulata



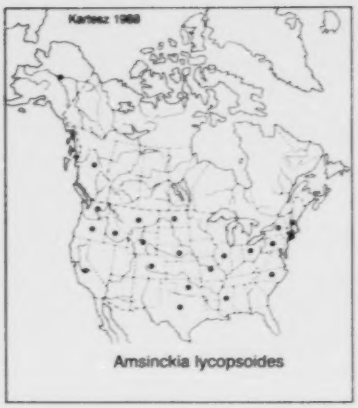
Alopecurus carolinianus



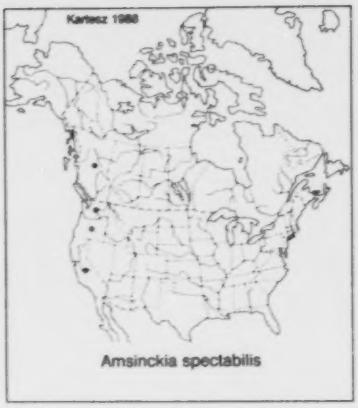
Ammannia robusta



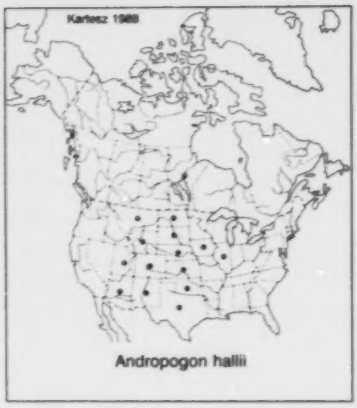
Amorpha fruticosa



Amsinckia lycopsoides



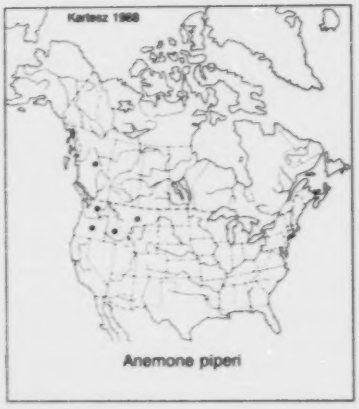
Amsinckia spectabilis



Andropogon hallii

Androsace alaskana

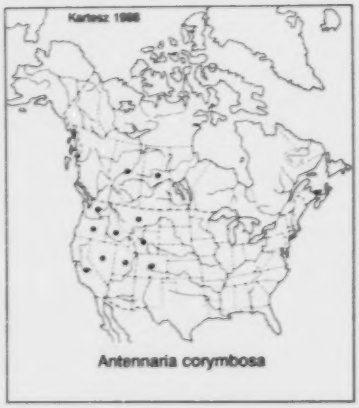
Anemone multiceps



Anemone piperi

Angelica dawsonii

Angelica laurentiana

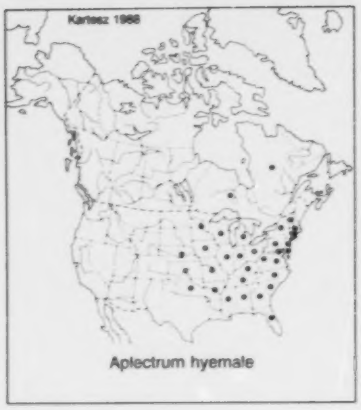


Antennaria corymbosa

Antennaria eucosma

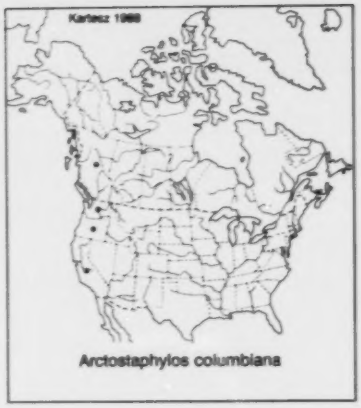
Antennaria friesiana
ssp. alaskana

Aphragmus eschscholtzianus



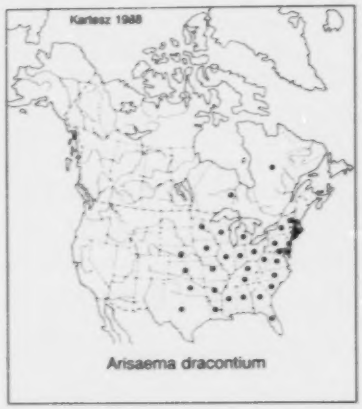
Aplectrum hyemale

Aquilegia jonesii

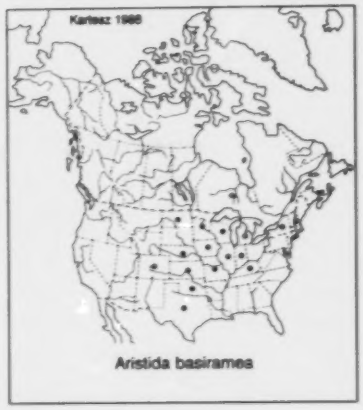


Arctostaphylos columbiana

Arabis shortii
var. shortii

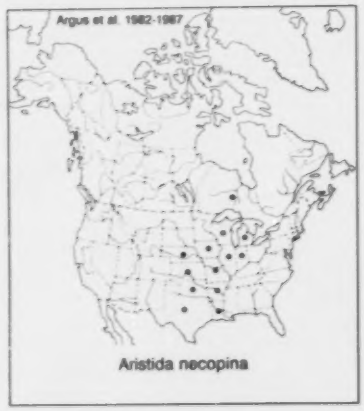


Arisaema dracontium



Aristida basiramea

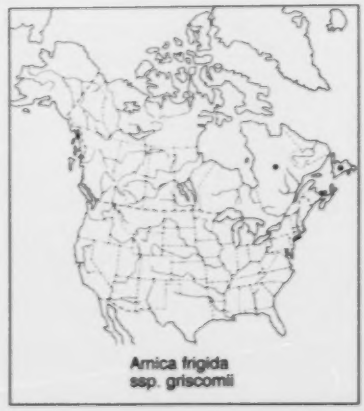
Aristida longispica
var. geniculata



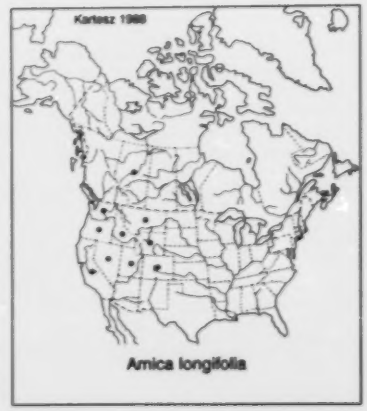
Aristida necopina

Aristida purpurascens

Armeria maritima
ssp. interior

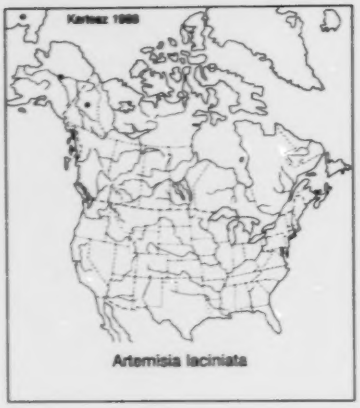


Arnica frigida
ssp. griscomii

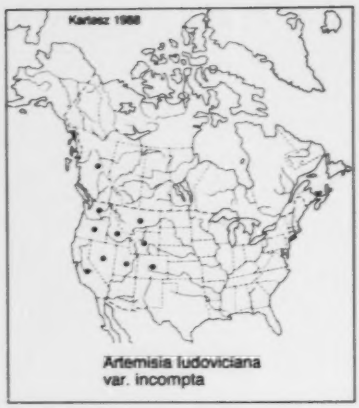


Arnica longifolia

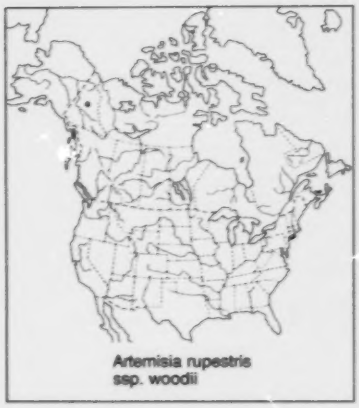
Artemisia globularia



Artemisia laciniata

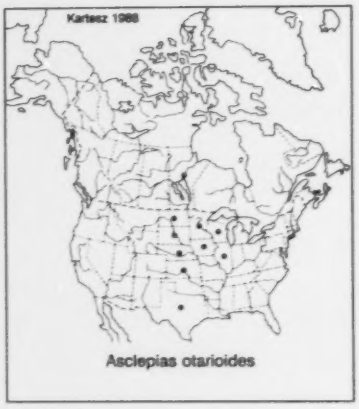


Artemisia ludoviciana
var. incompta



Artemisia rupestris
ssp. woodii

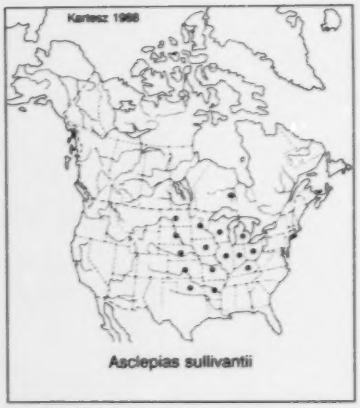
Asclepias hirtella



Asclepias otarioides

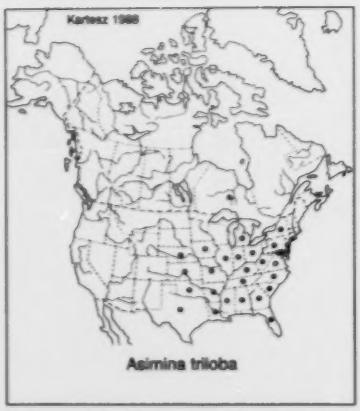
Asclepias purpurascens

Asclepias quadrifolia

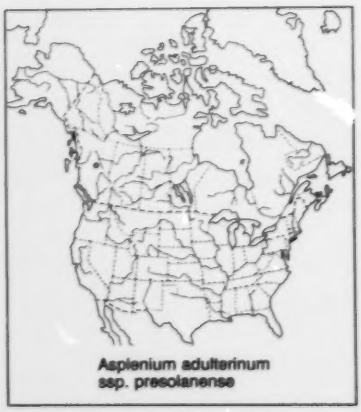


Asclepias sullivantii

Asclepias variegata

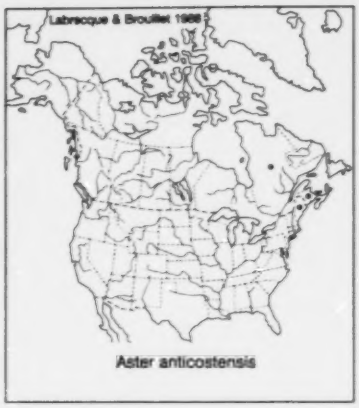


Asimina triloba

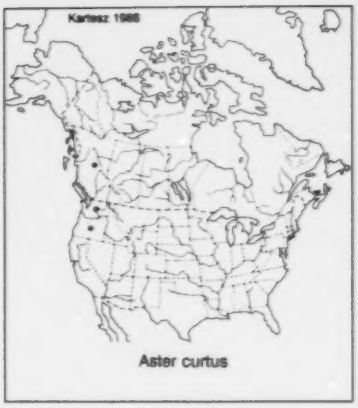


Asplenium adulterinum
ssp. presolanense

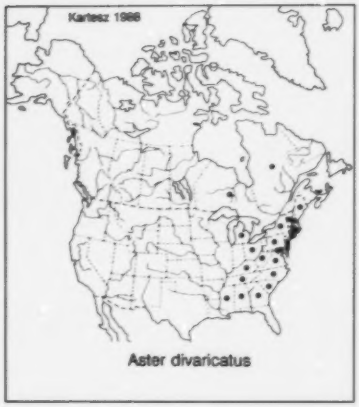
Asplenium ruta-muraria



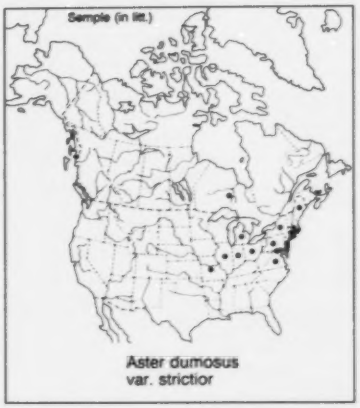
Aster anticostensis



Aster curtus



Aster divaricatus



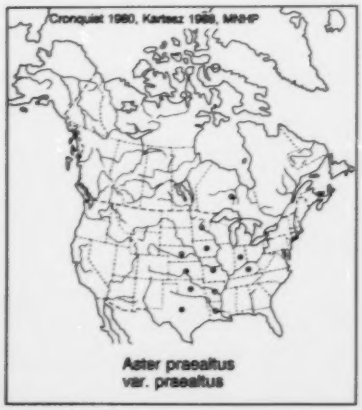
Aster dumosus
var. strictior

Aster laurentianus

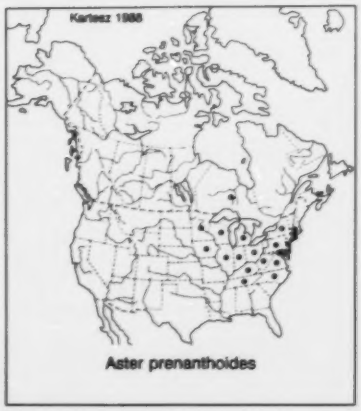
Aster linariifolius

Aster nahanniensis

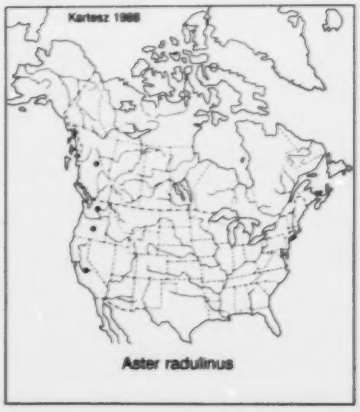
Aster paucicapitatus



Aster praealtus
var. praealtus



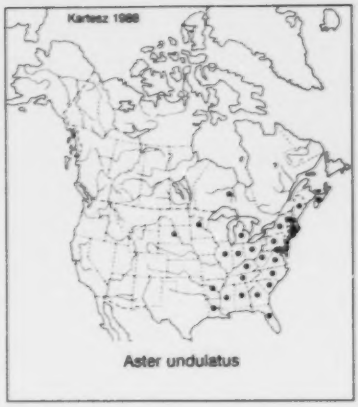
Aster prenanthoides



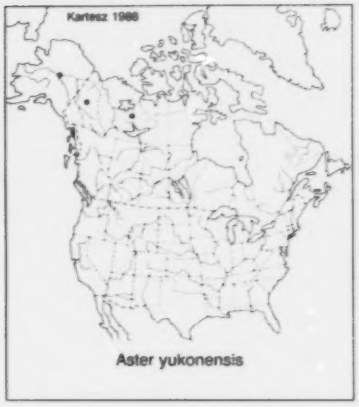
Aster radulinus

Aster schreberi

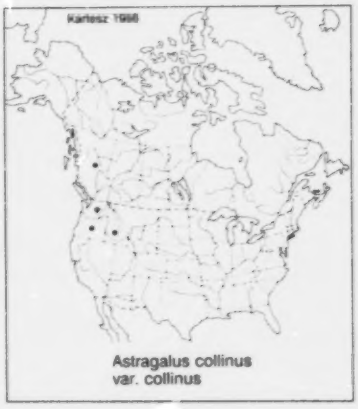
Aster shortii



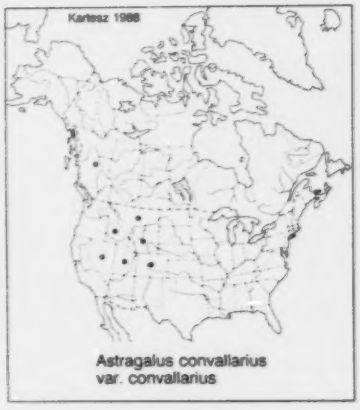
Aster undulatus



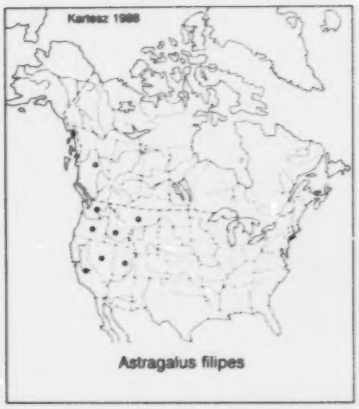
Aster yukonensis



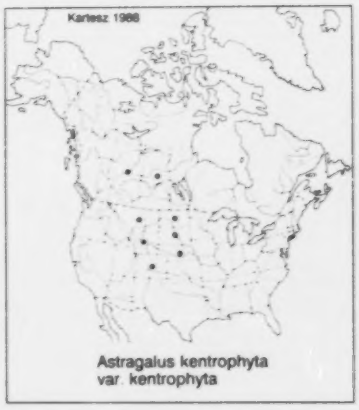
Astragalus collinus
var. collinus



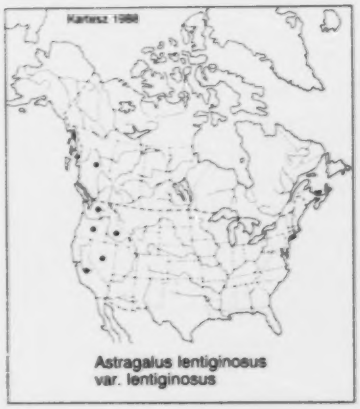
Astragalus convallarius
var. convallarius



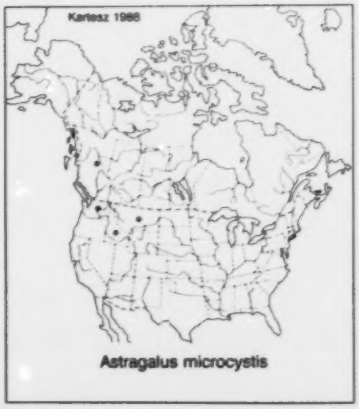
Astragalus filipes



Astragalus kentrophyta
var. kentrophyta



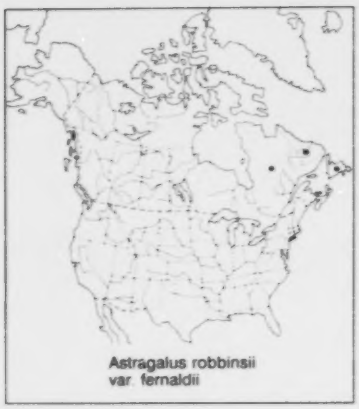
Astragalus lentiginosus
var. lentiginosus



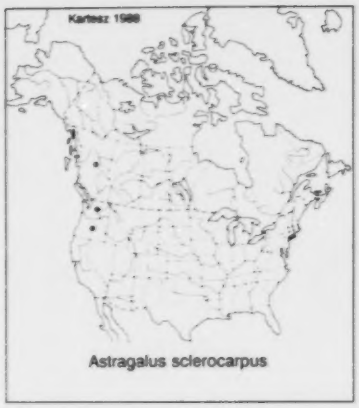
Astragalus microcystis

Astragalus nutzotinensis

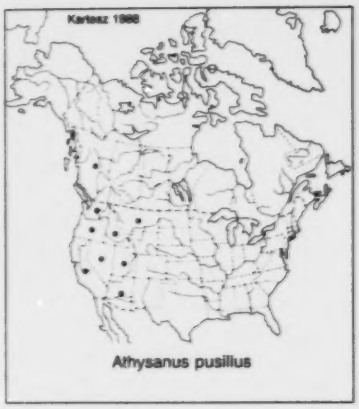
Astragalus racemosus
var. racemosus



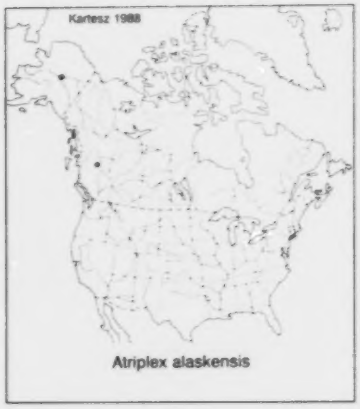
Astragalus robbinsii
var. fernaldii



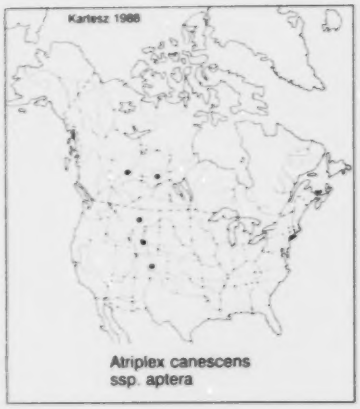
Astragalus sclerocarpus



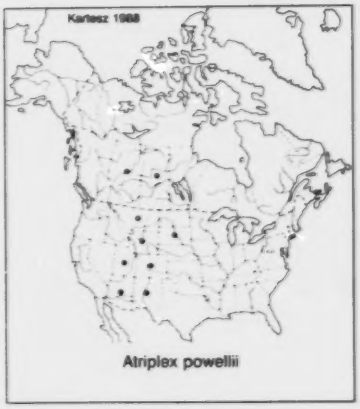
Athysanus pusillus



Atriplex alaskensis



Atriplex canescens
ssp. aptera

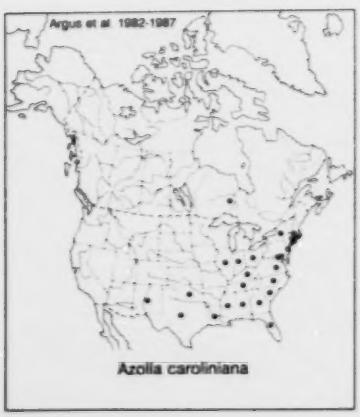


Atriplex powellii

Atriplex praecox

Aureolaria pedicularia

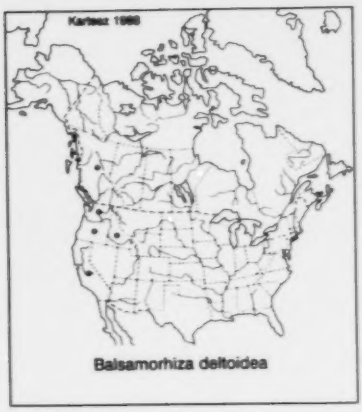
Aureolaria virginica



Azolla caroliniana

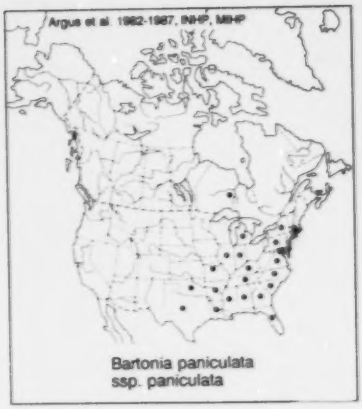
Azolla mexicana

Bacopa rotundifolia

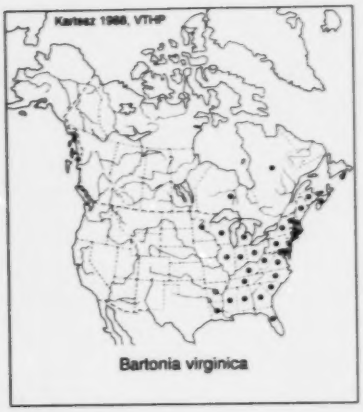


Balsamorhiza deltoidea

Baptisia tinctoria



Bartonia paniculata
ssp. paniculata

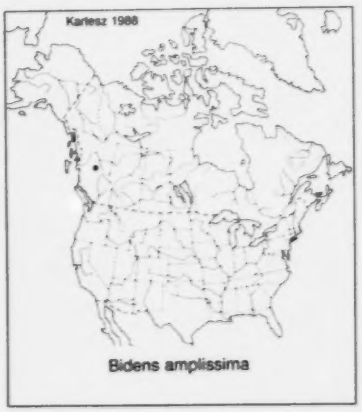


Bartonia virginica

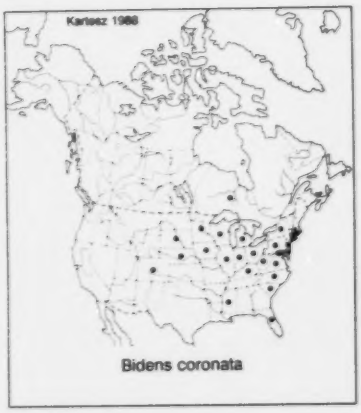
Barula erecta

Betula glandulosa
var. hallii

Betula lenta



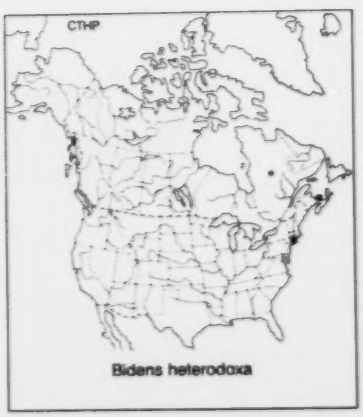
Bidens amplissima



Bidens coronata

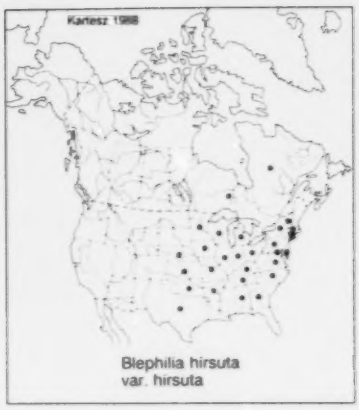
Bidens discoidea

Bidens eatonii

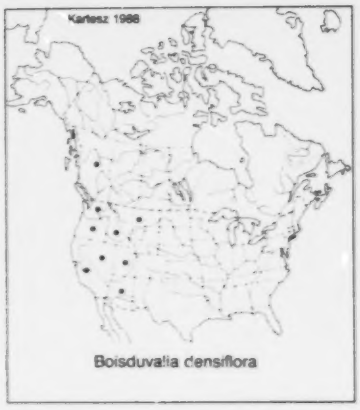


Bidens heterodoxa

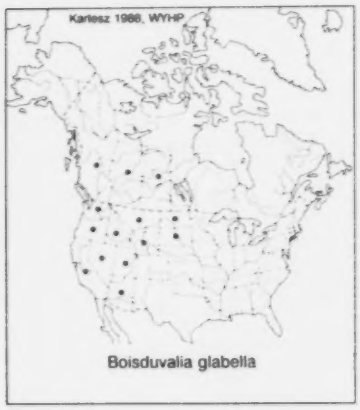
Blephilia ciliata



Blephilia hirsuta
var. hirsuta

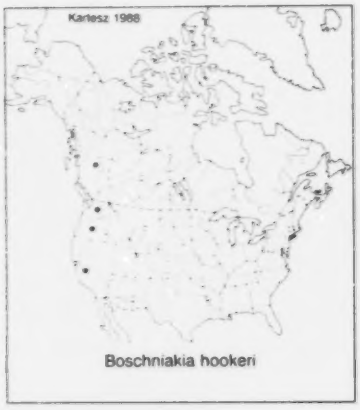


Boisduvalia densiflora

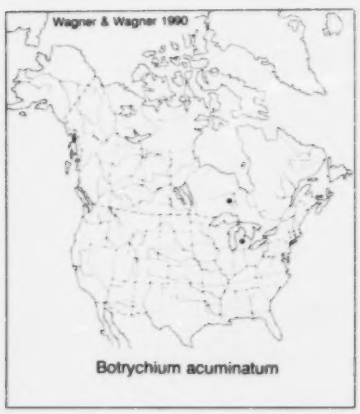


Boisduvalia glabella

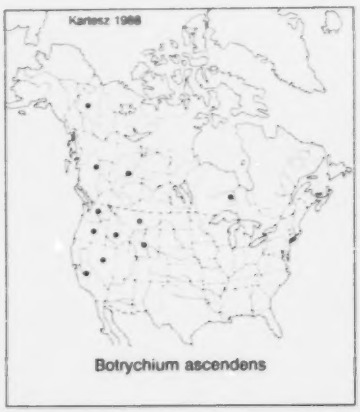
Boisduvalia stricta



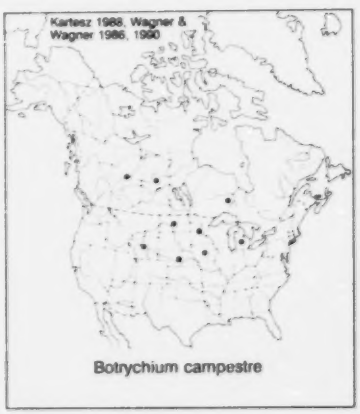
Boschniakia hookeri



Botrychium acuminatum

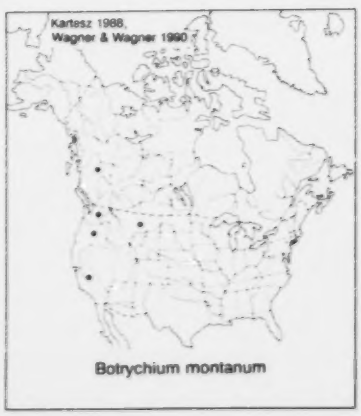


Botrychium ascendens

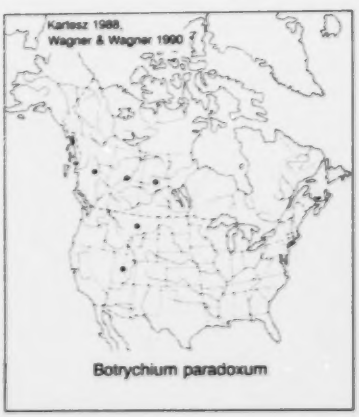


Botrychium campestre

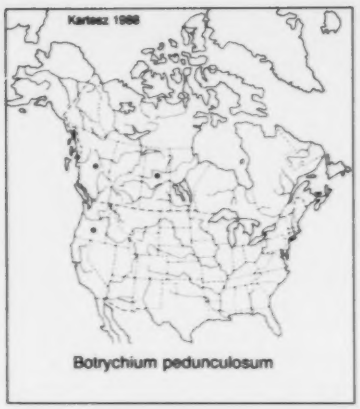
Botrychium hesperium



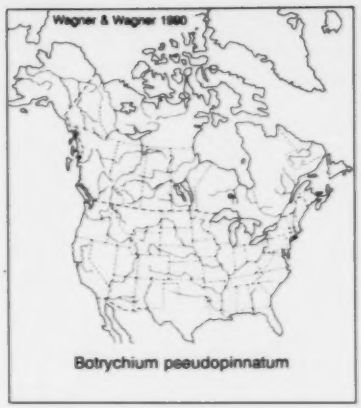
Botrychium montanum



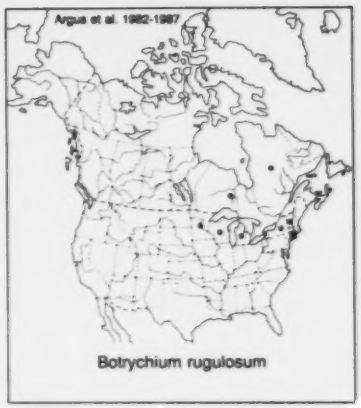
Botrychium paradoxum



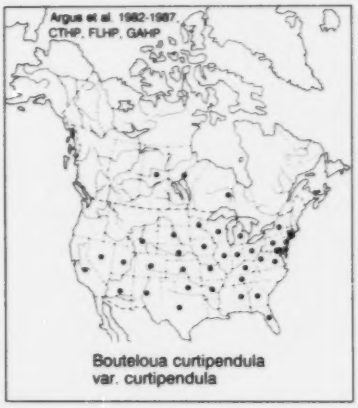
Botrychium pedunculosum



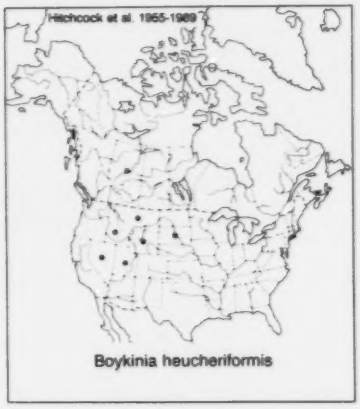
Botrychium pseudopinnatum



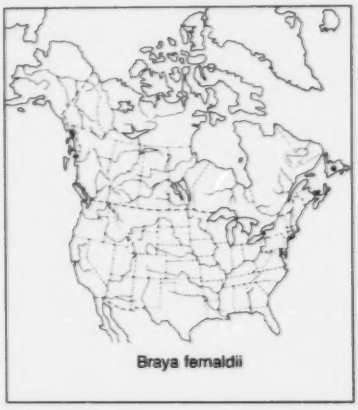
Botrychium rugulosum



Bouteloua curtipendula
var. curtipendula



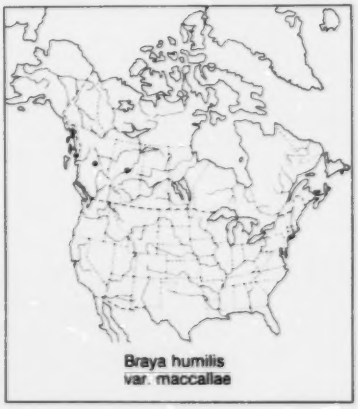
Boykinia heucheriformis



Braya fernaldii

Braya glabella
var. prostrata

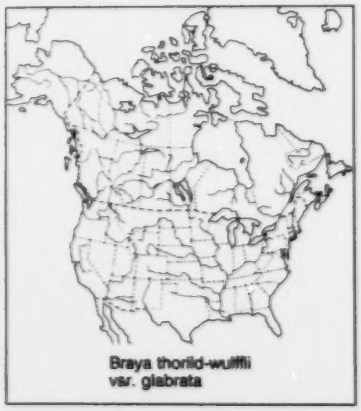
Braya humilis
var. ellesmerensis



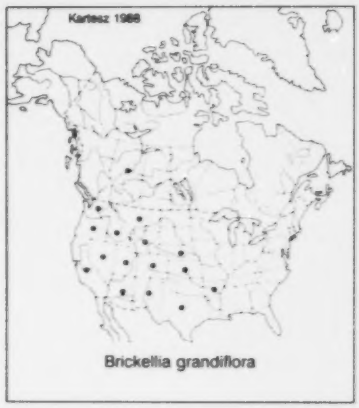
Braya humilis
var. maccallae

Braya longii

Braya pilosa



Braya thorild-wulffii
var. glabrata

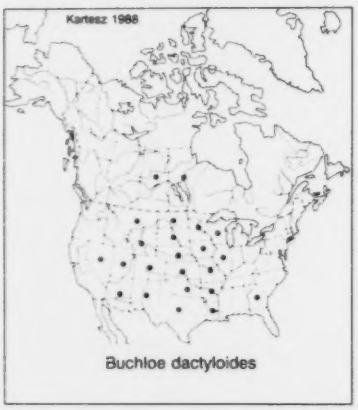


Brickellia grandiflora

Brickellia oblongifolia
var. oblongifolia

Brodiaea coronaria
ssp. coronaria

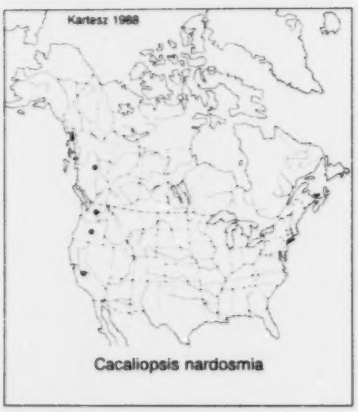
Bromus suksdorfii



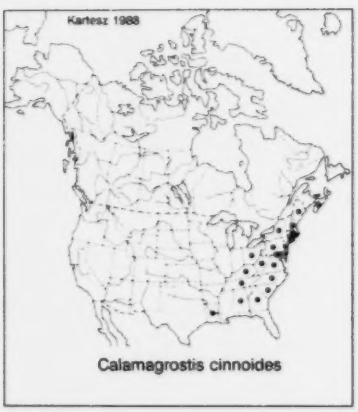
Buchloe dactyloides

Buchnera americana

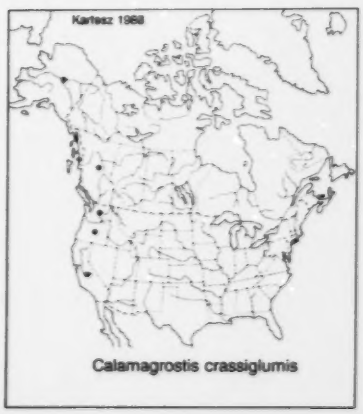
Cacalia plantaginea



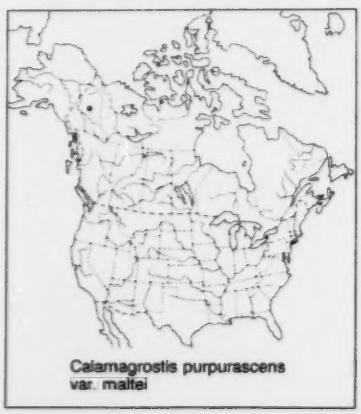
Cacaliopsis nardosmia



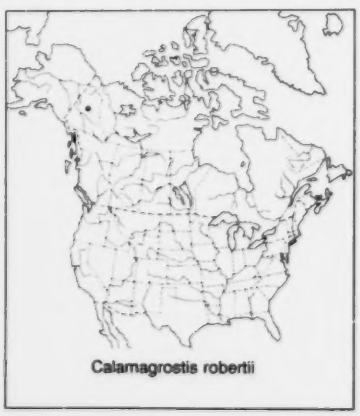
Calamagrostis cinnoides



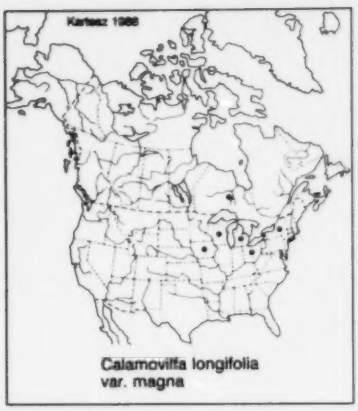
Calamagrostis crassiglumis



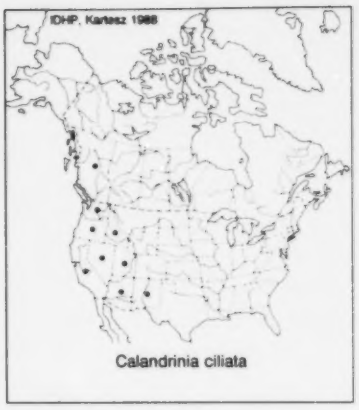
Calamagrostis purpurascens
var. maltei



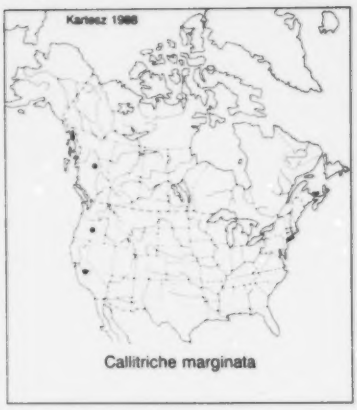
Calamagrostis robertii



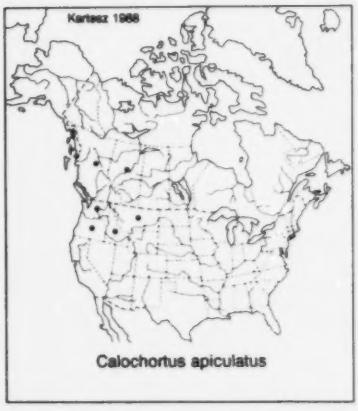
Calamovilfa longifolia
var. magna



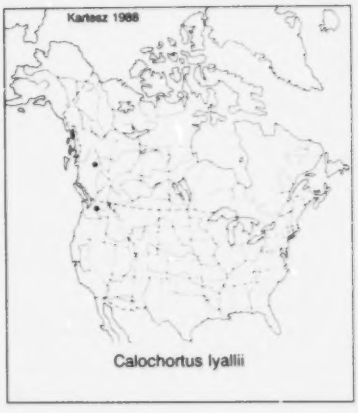
Calandrinia ciliata



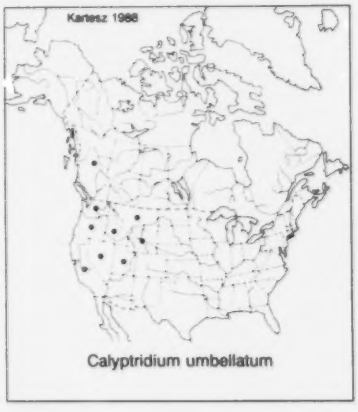
Callitriche marginata



Calochortus apiculatus

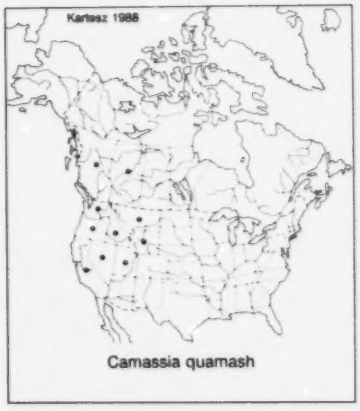


Calochortus lyallii

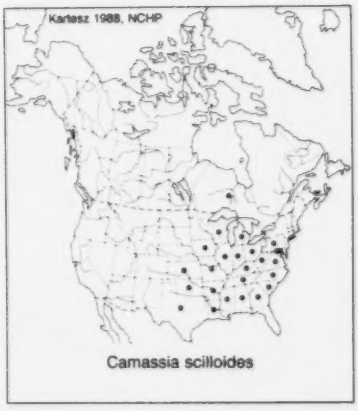


Calyptridium umbellatum

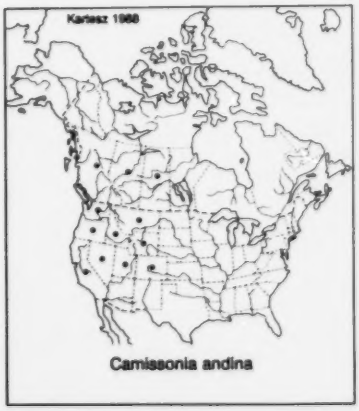
Camassia leichtlinii
ssp. suksdorfii



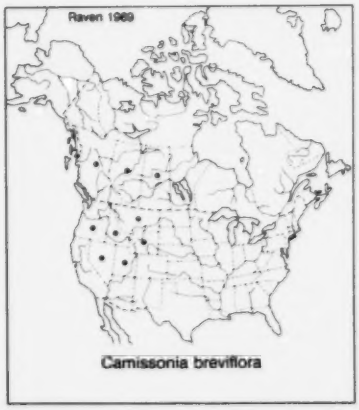
Camassia quamash



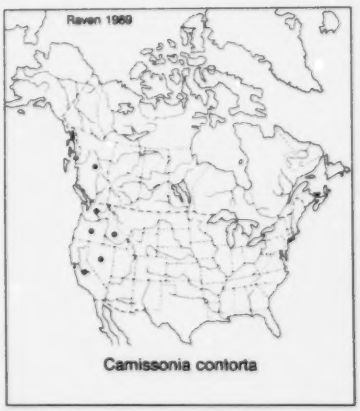
Camassia scilloides



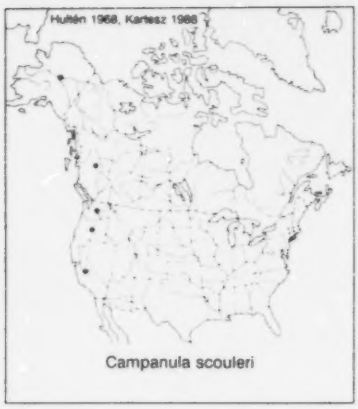
Camissonia andina



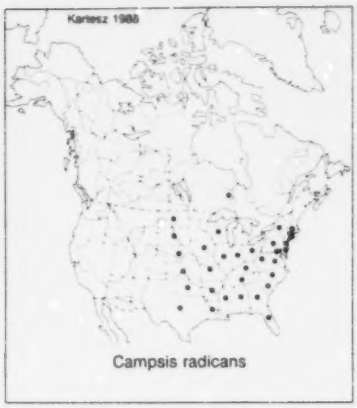
Camissonia breviflora



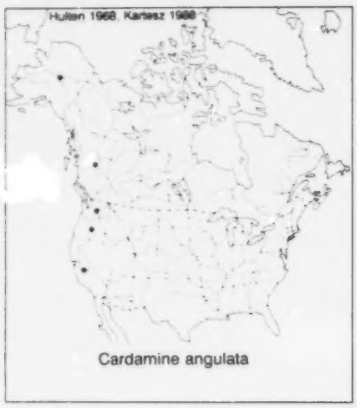
Camissonia contorta



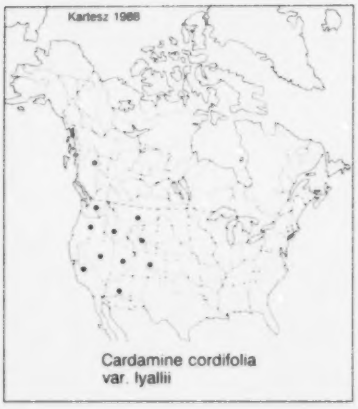
Campanula scouleri



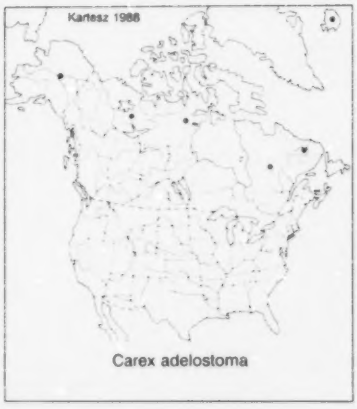
Campsis radicans



Cardamine angulata



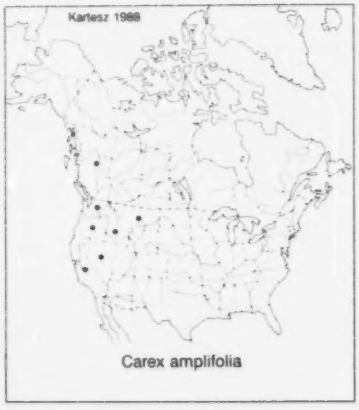
Cardamine cordifolia
var. lyallii



Carex adelostoma

Carex aggregata

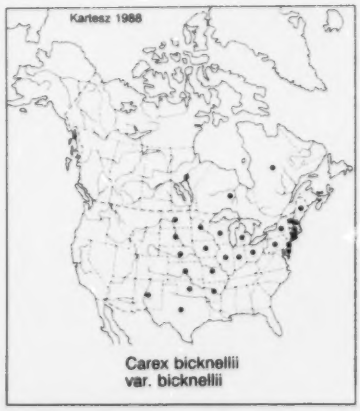
Carex alata



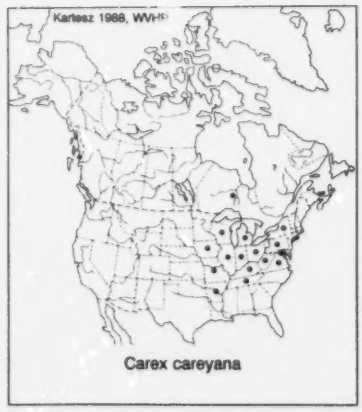
Carex amplifolia

Carex appalachica

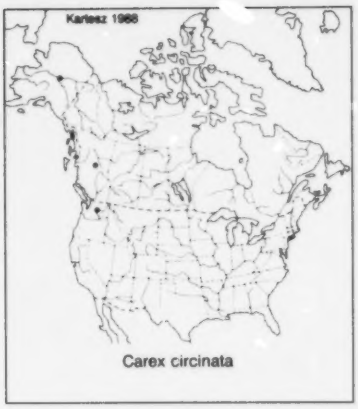
Carex atlantica
ssp. capillacea



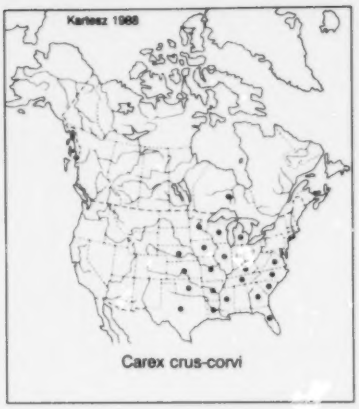
Carex bicknellii
var. bicknellii



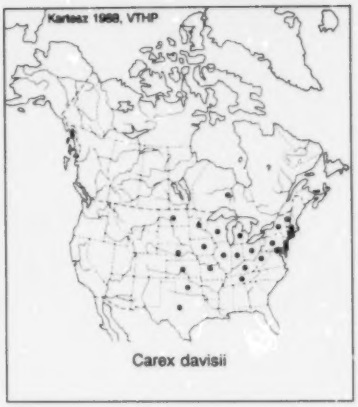
Carex careyana



Carex circinata

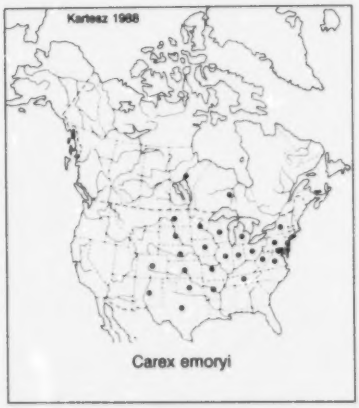


Carex crus-corvi

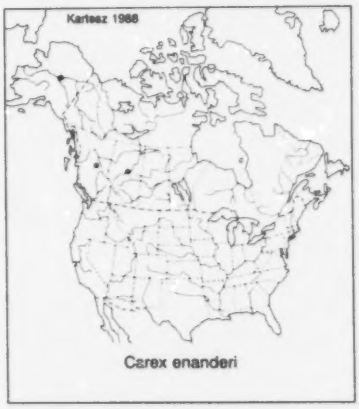


Carex davisii

Carex eleusinoides



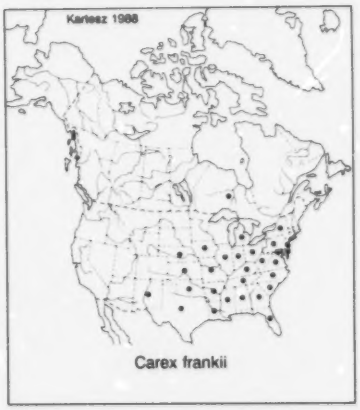
Carex emoryi



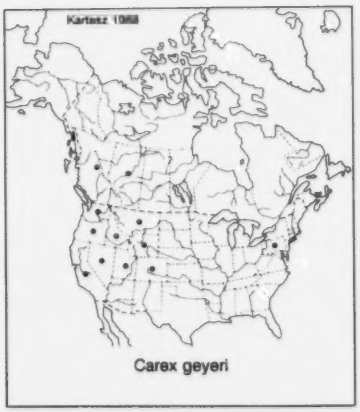
Carex enanderi

Carex engelmannii

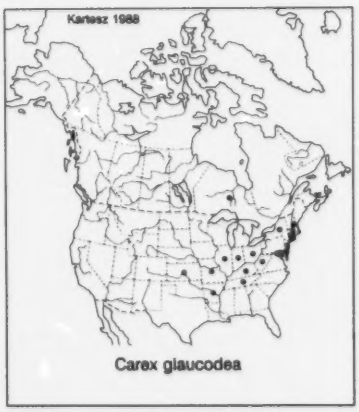
Carex epapillosa



Carex frankii



Carex geyeri

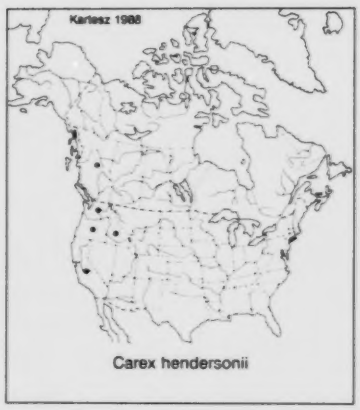


Carex glaucodea

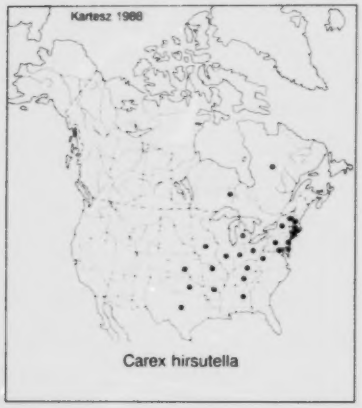
Carex gmelinii

Carex gracilescens

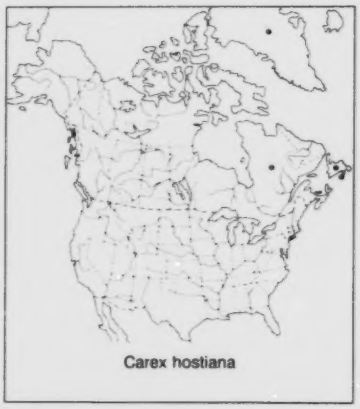
Carex gravida
var. gravida



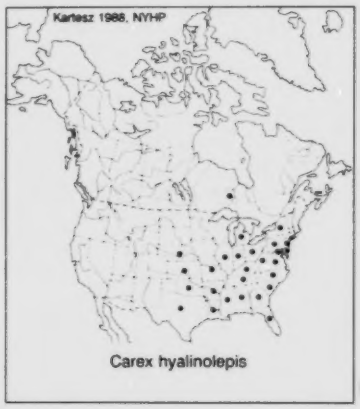
Carex hendersonii



Carex hirsutella

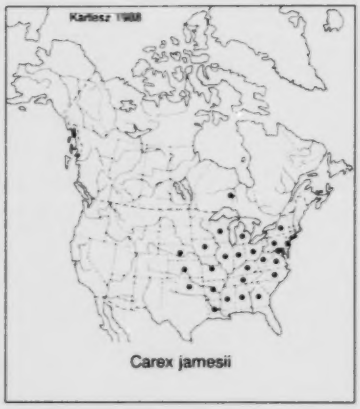


Carex hostiana

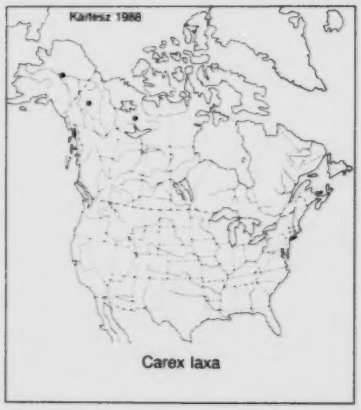


Carex hyalinolepis

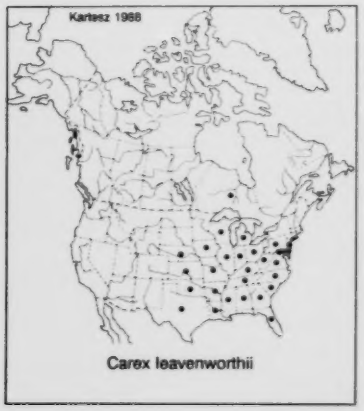
Carex interrupta



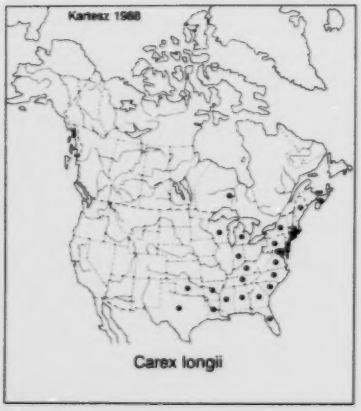
Carex jamesii



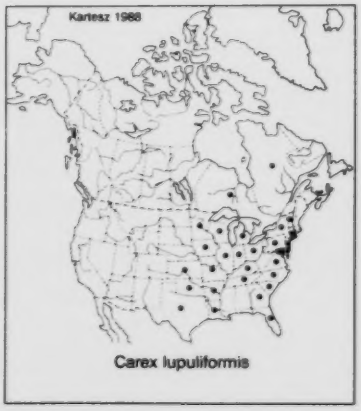
Carex laxa



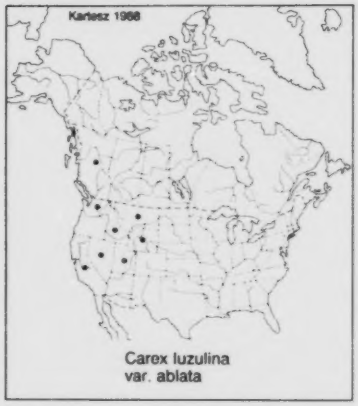
Carex leavenworthii



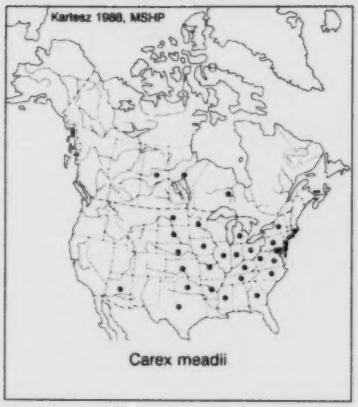
Carex longii



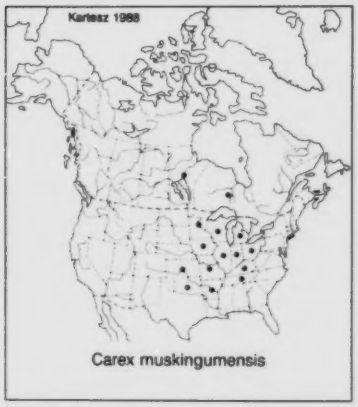
Carex lupuliformis



Carex luzulina
var. ablata

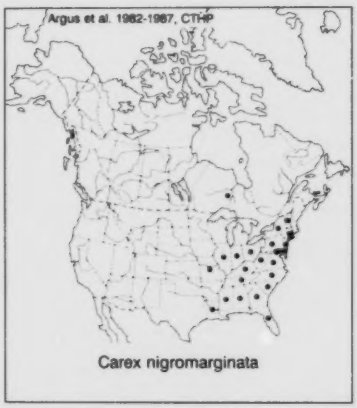


Carex meadii



Carex muskingumensis

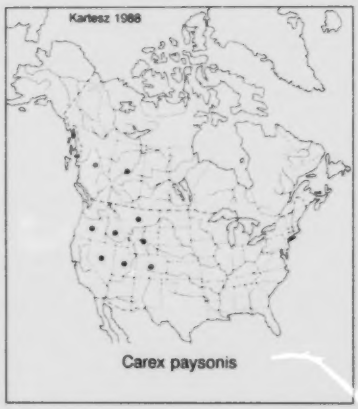
Carex nebraskensis



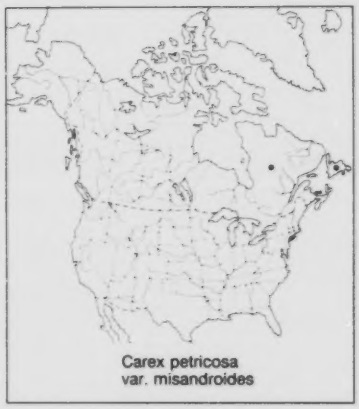
Carex nigromarginata

Carex oligocarpa

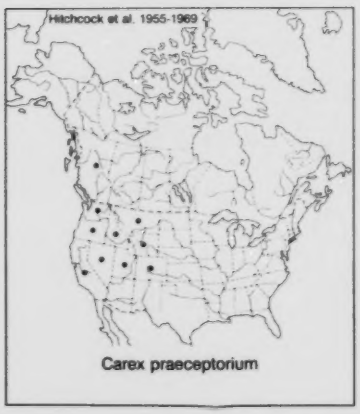
Carex pansa



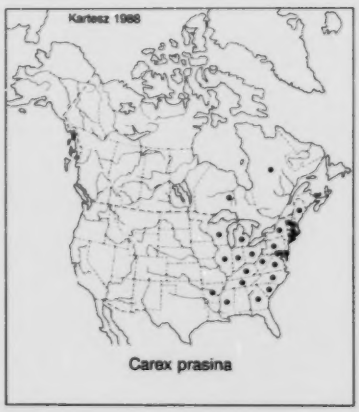
Carex paysonis



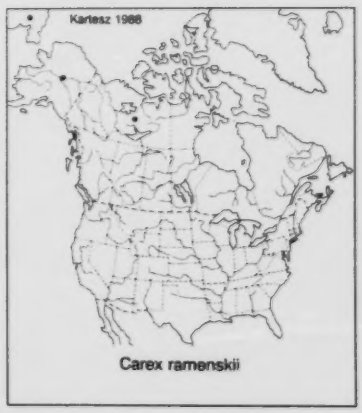
Carex petricosa
var. misandroides



Carex praeceptorium



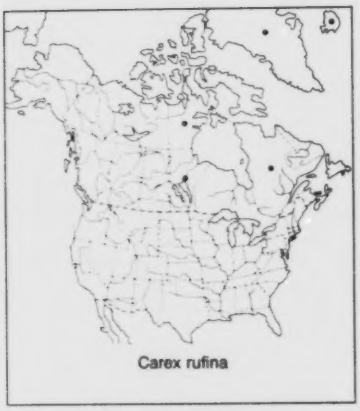
Carex prasina



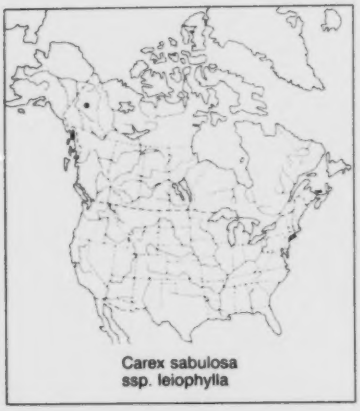
Carex ramenskii

Carex rariflora
var. androgyna

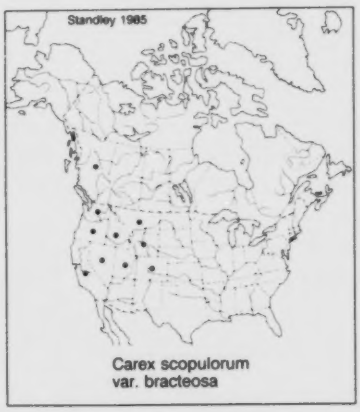
Carex retroflexa
var. retroflexa



Carex rufina

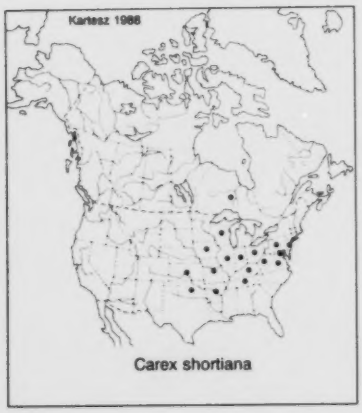


Carex sabulosa
ssp. leiophylla



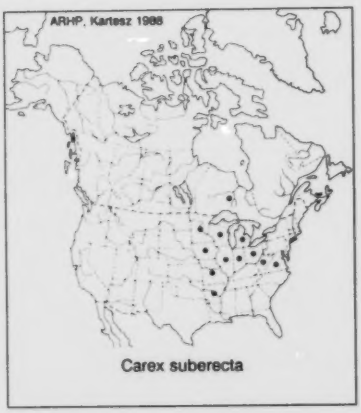
Carex scopulorum
var. bracteosa

Carex seorsa

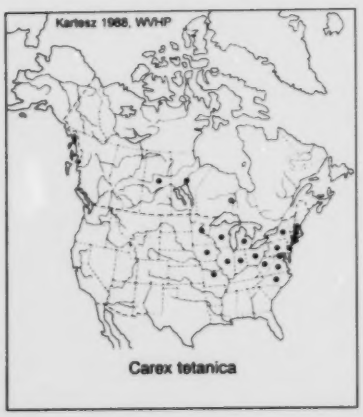


Carex shortiana

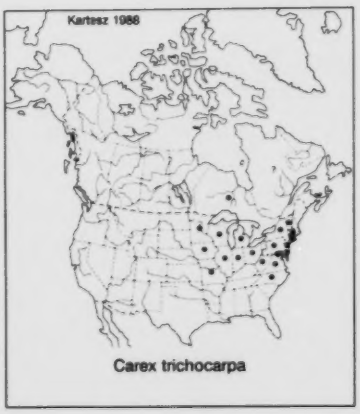
Carex squarrosa



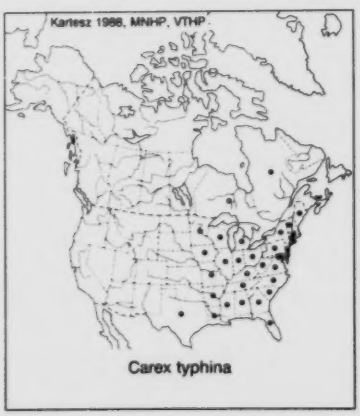
Carex suberecta



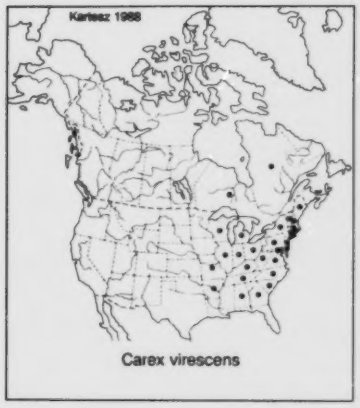
Carex tetanica



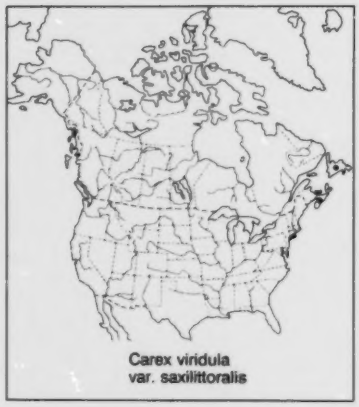
Carex trichocarpa



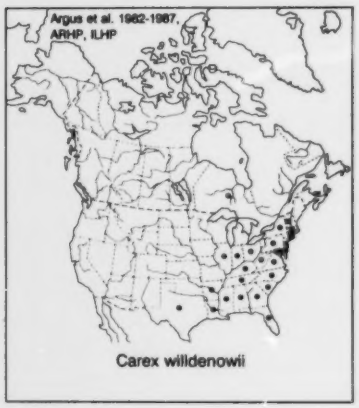
Carex typhina



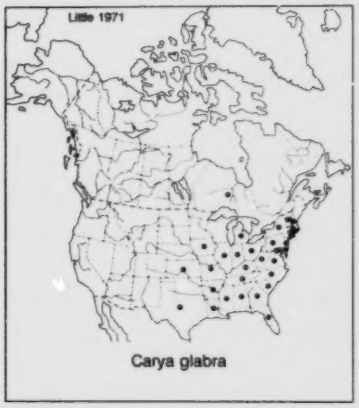
Carex virescens



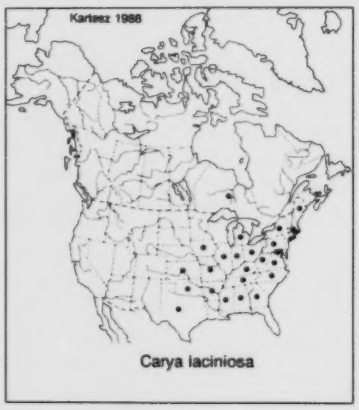
Carex viridula
var. saxilittoralis



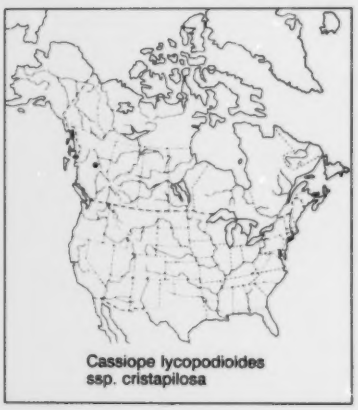
Carex willdenowii



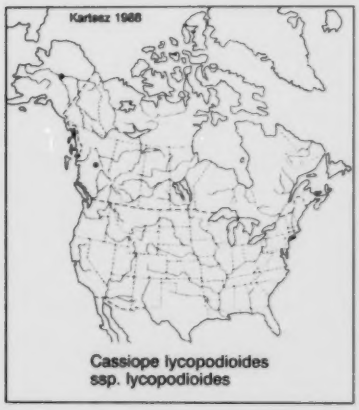
Carya glabra



Carya laciniosa



Cassiope lycopodioides
ssp. cristapilosa



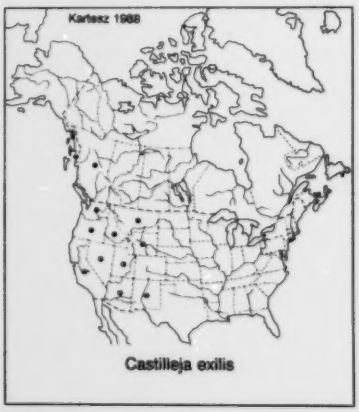
Cassiope lycopodioides
ssp. lycopodioides

Castanea dentata

Castilleja cervina

Castilleja cusickii

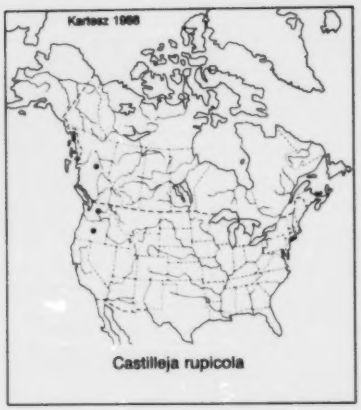
Castilleja elmeri



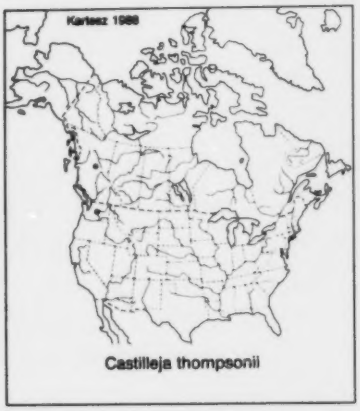
Castilleja exilis

Castilleja gracilima

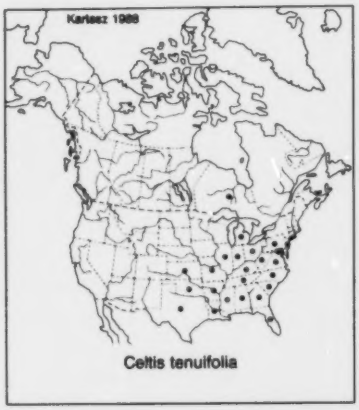
Castilleja levisecta



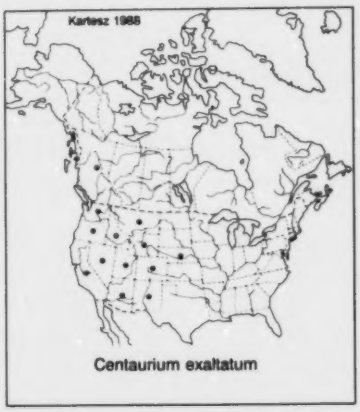
Castilleja rupicola



Castilleja thompsonii

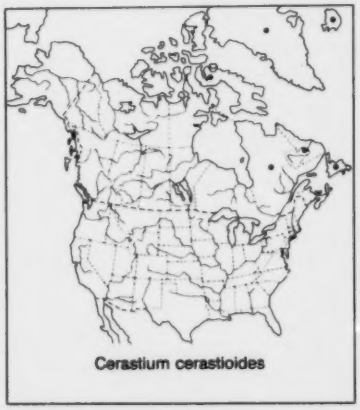


Celtis tenuifolia



Centaurium exaltatum

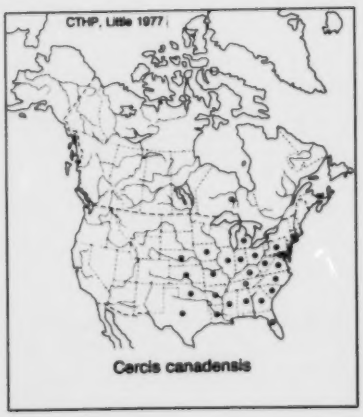
Centaurium muhlenbergii


Cerastium cerastioides

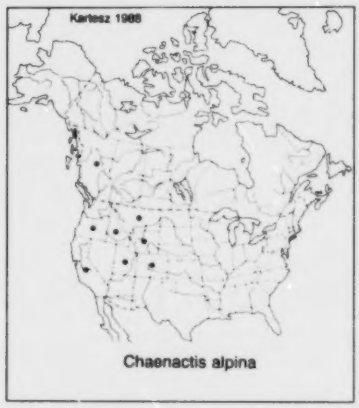
Cerastium fischerianum

Cerastium terrae-novae

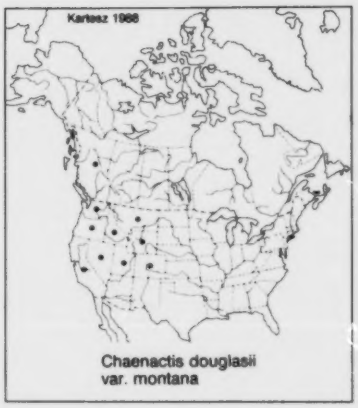
Cerastium velutinum



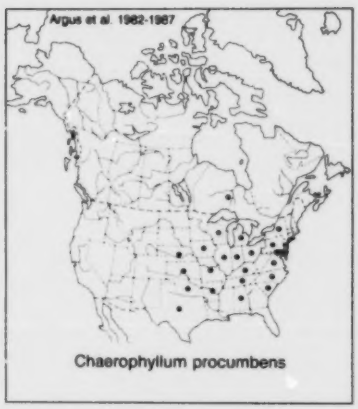
Cercis canadensis



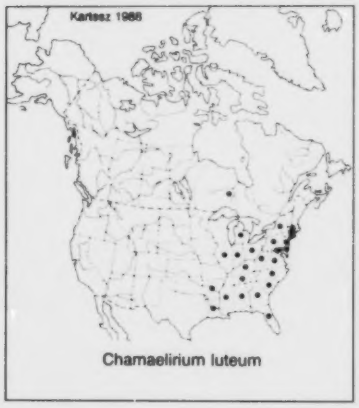
Chaenactis alpina



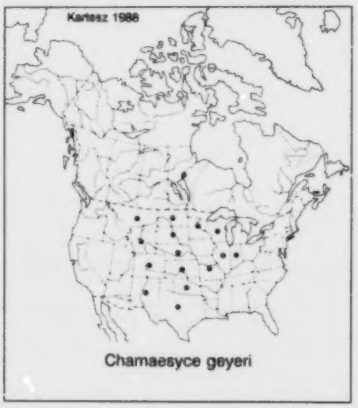
Chaenactis douglasii
var. montana



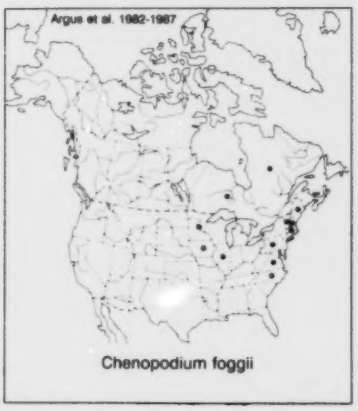
Chaerophyllum procumbens



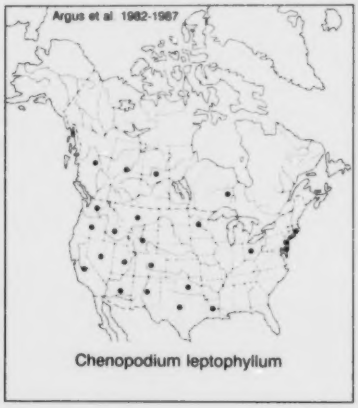
Chamaelirium luteum



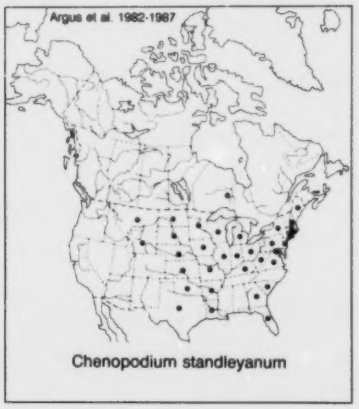
Chamaesyce geyeri



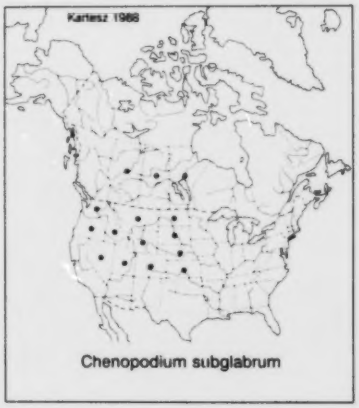
Chenopodium foggii



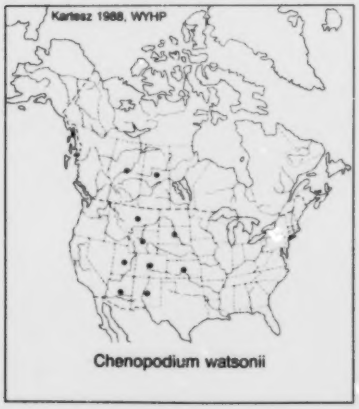
Chenopodium leptophyllum



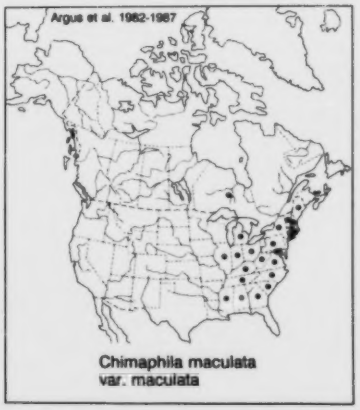
Chenopodium standleyanum



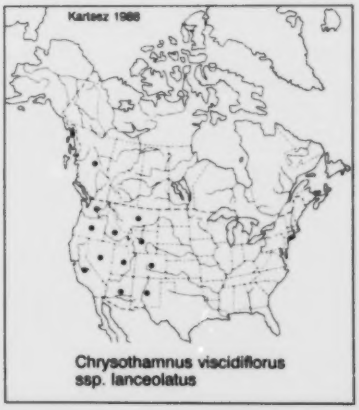
Chenopodium subglabrum



Chenopodium watsonii



Chimaphila maculata
var. maculata

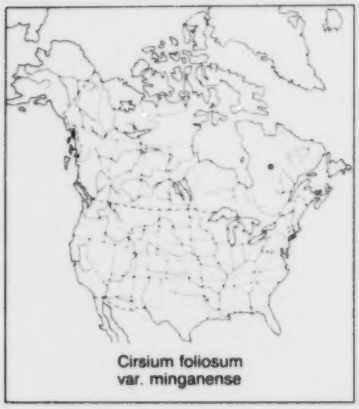


Chrysothamnus viscidiflorus
ssp. lanceolatus

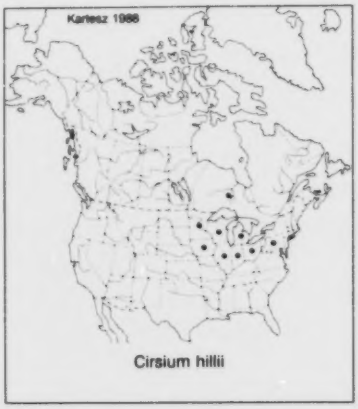
Cicuta maculata
var. victorinii

Cimicifuga elata

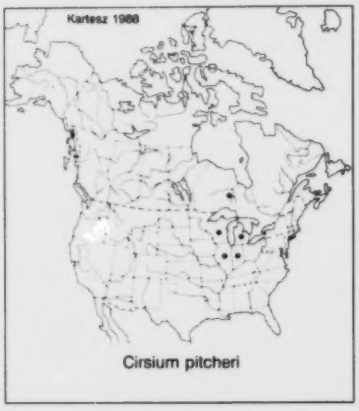
Cimicifuga racemosa



Cirsium foliosum
var. minganense

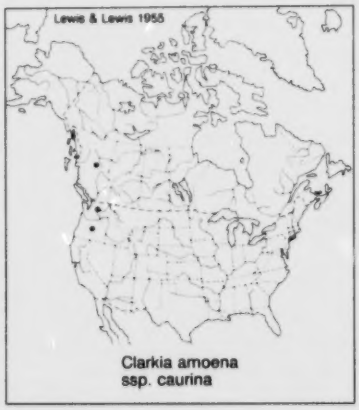


Cirsium hillii

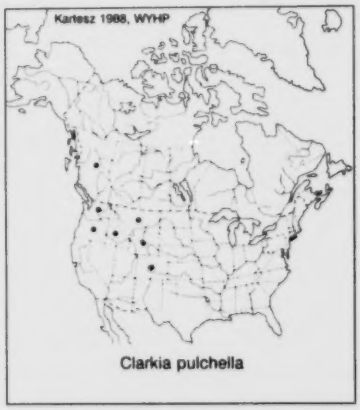


Cirsium pitcheri

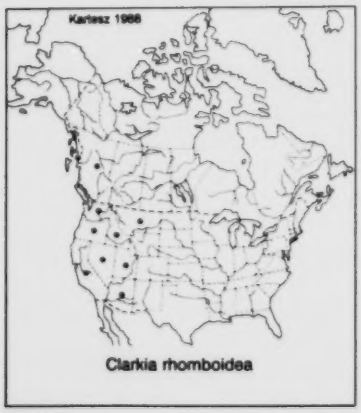
Cirsium scariosum



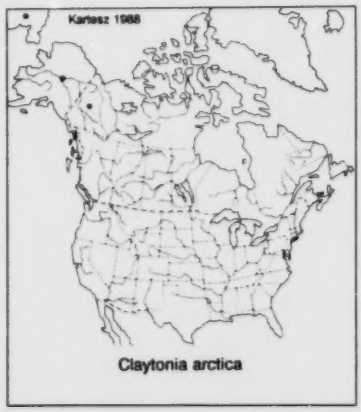
Clarkia amoena
ssp. caurina



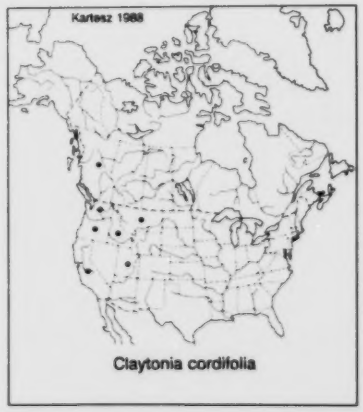
Clarkia pulchella



Clarkia rhomboidea

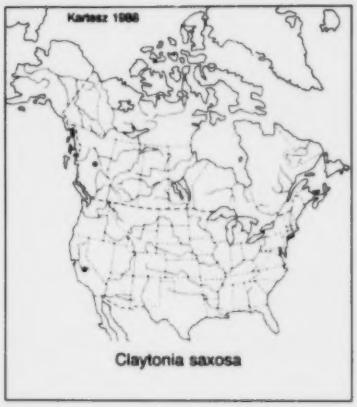


Claytonia arctica

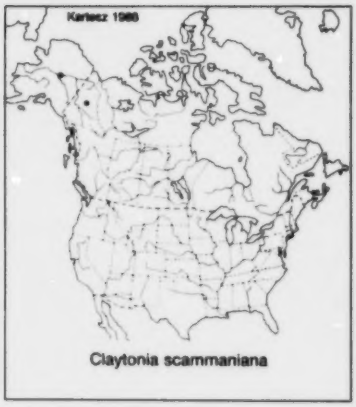


Claytonia cordifolia

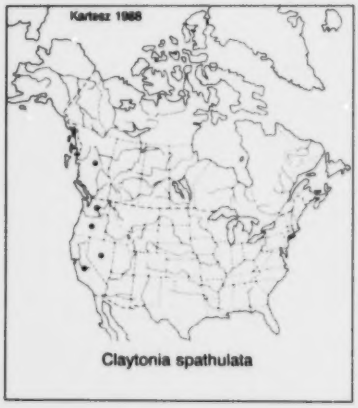
Claytonia ogilviensis



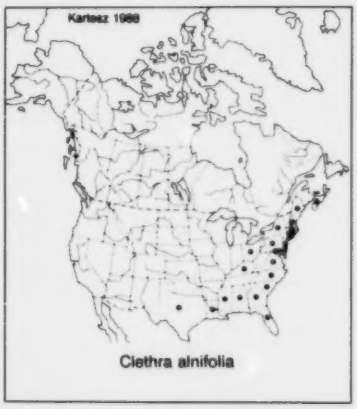
Claytonia saxosa



Claytonia scammaniana

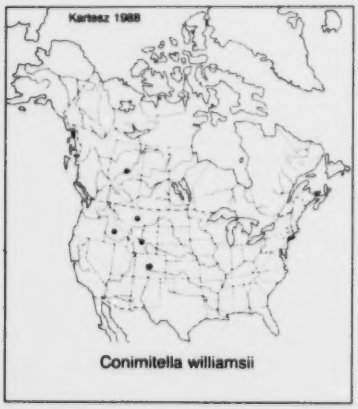


Claytonia spathulata



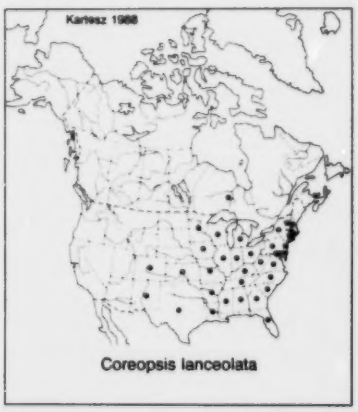
Clethra alnifolia

Collinsia verna



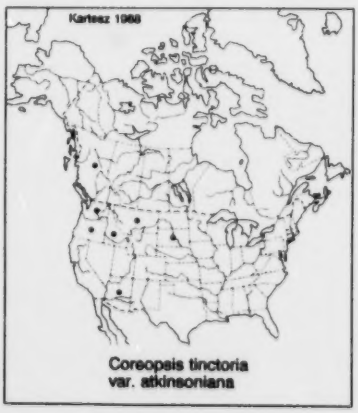
Conimitella williamsii

Corallorhiza odontorhiza

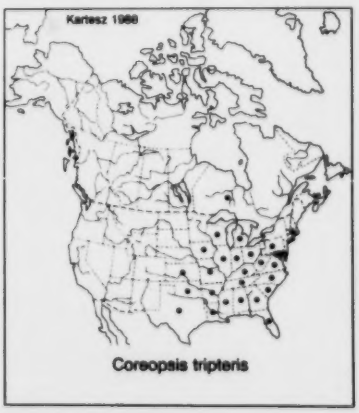


Coreopsis lanceolata

Coreopsis rosea

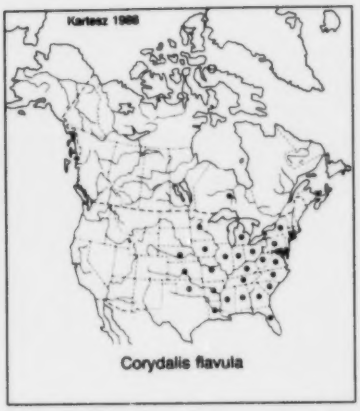


Coreopsis tinctoria
var. atkinsoniana



Coreopsis tripteris

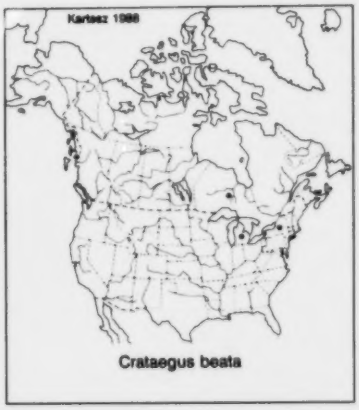
Cornus drummondii



Corydalis flavula

Corydalis scouleri

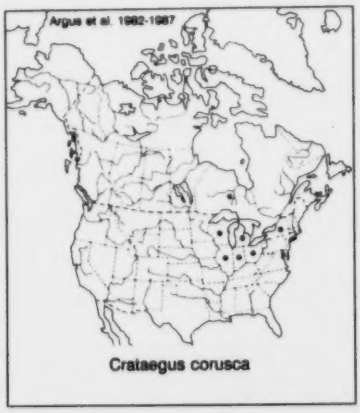
Crassula erecta



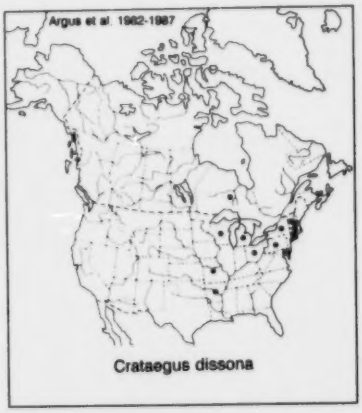
Crataegus beata

Crataegus brainerdii

Crataegus conspecta

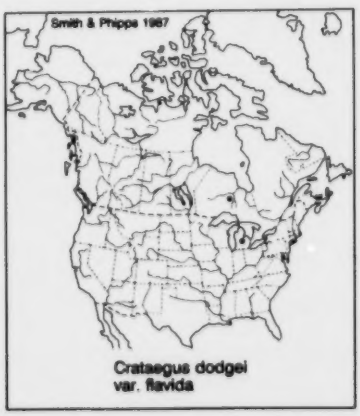


Crataegus corusca

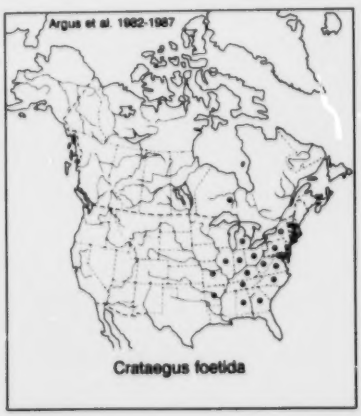


Crataegus dissona

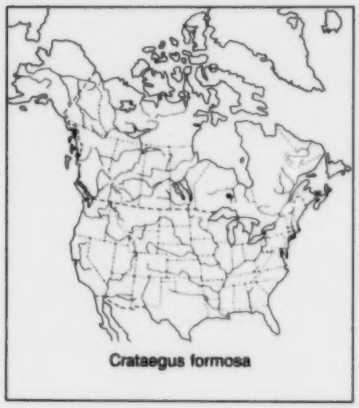
Crataegus dodgei
var. dodgei



Crataegus dodgei
var. flavida

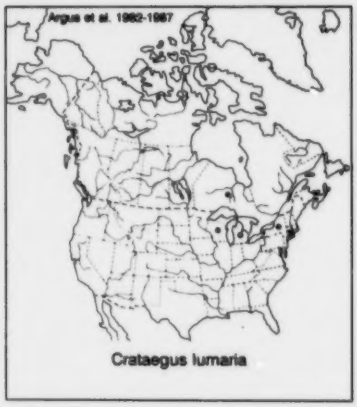


Crataegus foetida



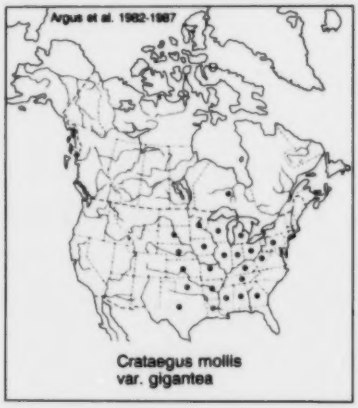
Crataegus formosa

Crataegus intricata

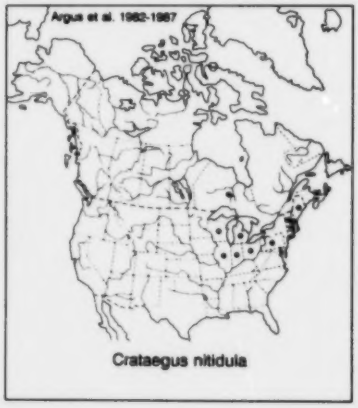


Crataegus lumaria

Crataegus margaretta



Crataegus mollis
var. gigantea

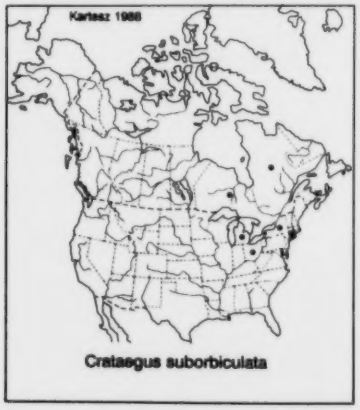


Crataegus nitidula

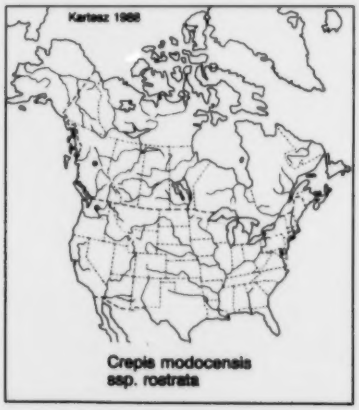
Crataegus perjucunda

Crataegus persimilis

Crataegus submollis



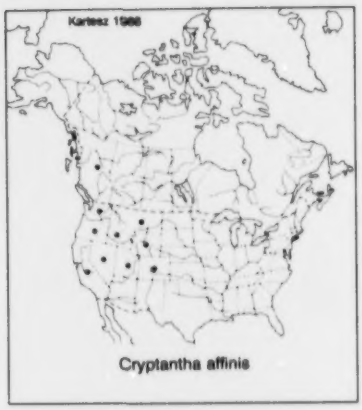
Crataegus suborbiculata



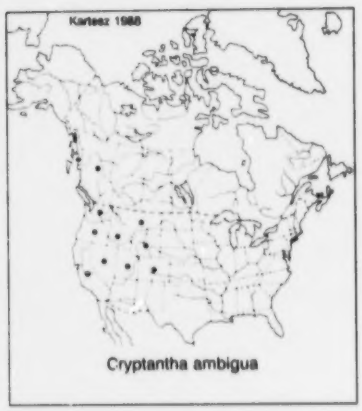
Crepis modocensis
ssp. roetrata

Crepis occidentalis

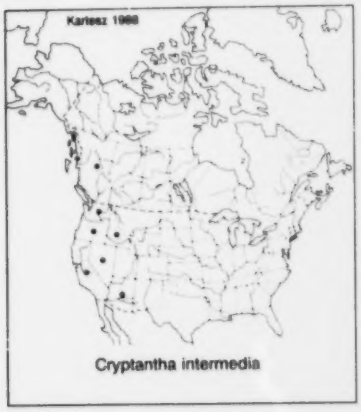
Crocidium multicaule



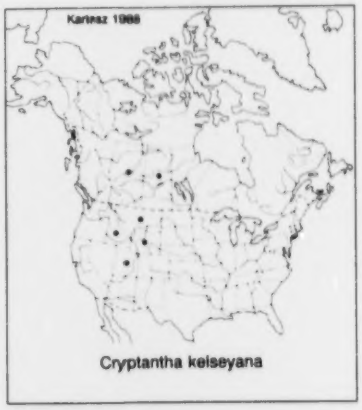
Cryptantha affinis



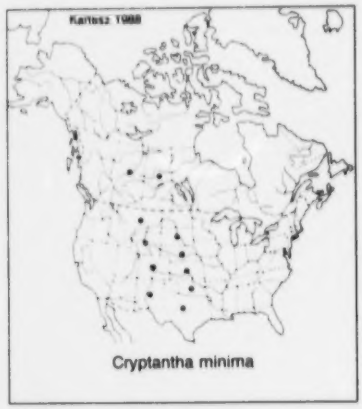
Cryptantha ambigua



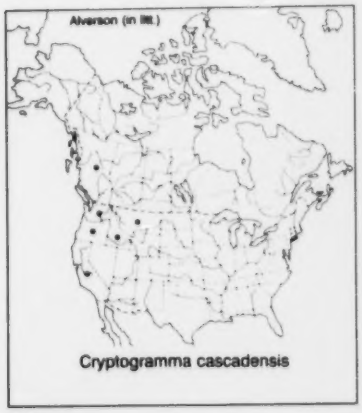
Cryptantha intermedia



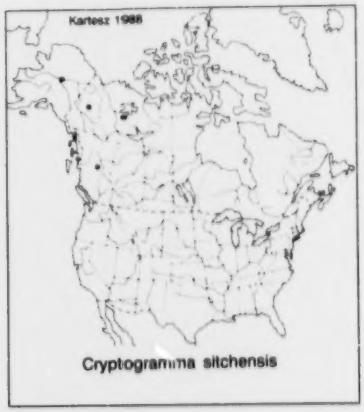
Cryptantha kelseyana



Cryptantha minima

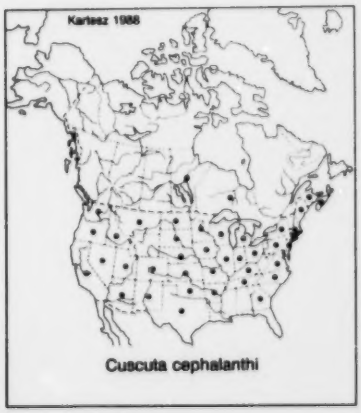


Cryptogramma cascadensis

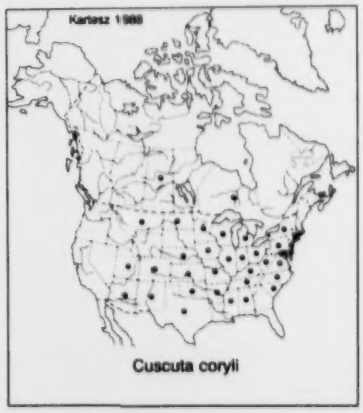


Cryptogramma sitchensis

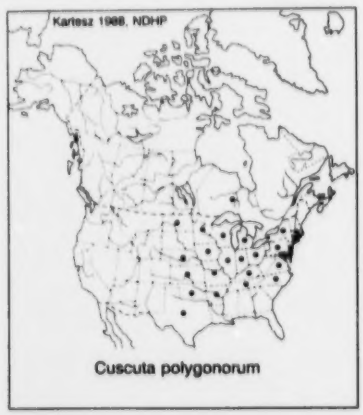
Cuscuta campestris



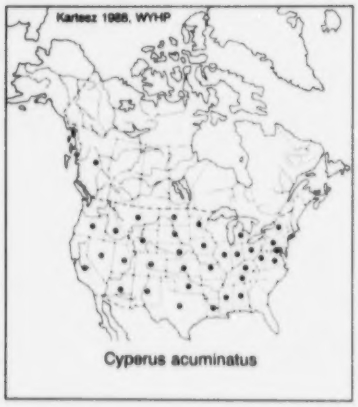
Cuscuta cephalanthi



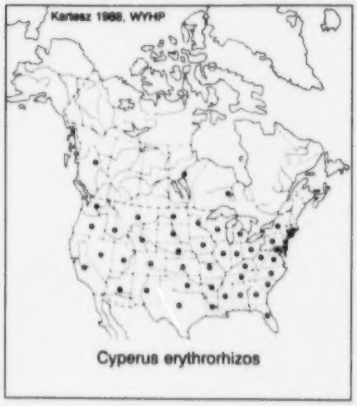
Cuscuta coryli



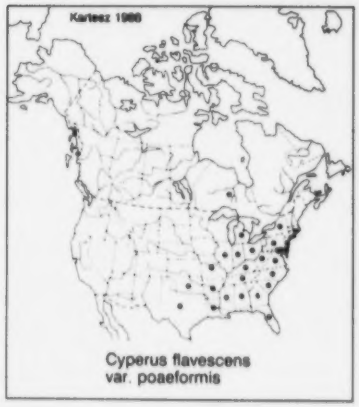
Cuscuta polygonorum



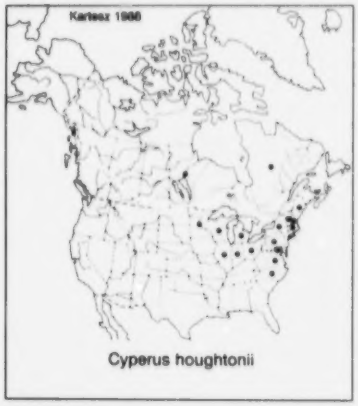
Cyperus acuminatus



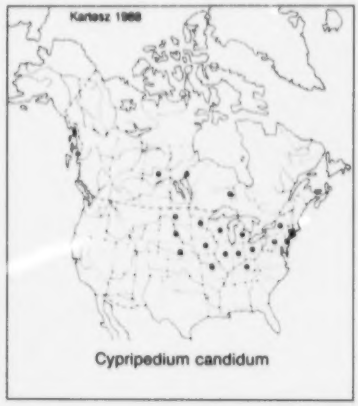
Cyperus erythrorhizos



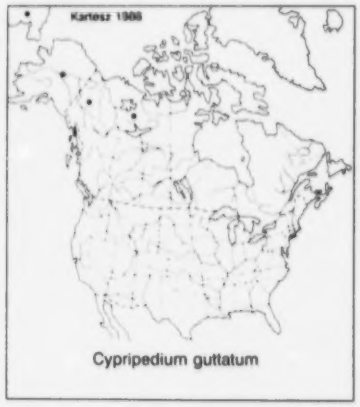
Cyperus flavescens
var. poaeformis



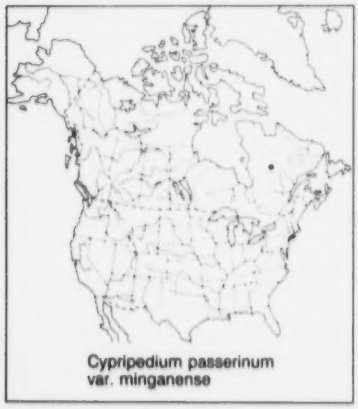
Cyperus houghtonii

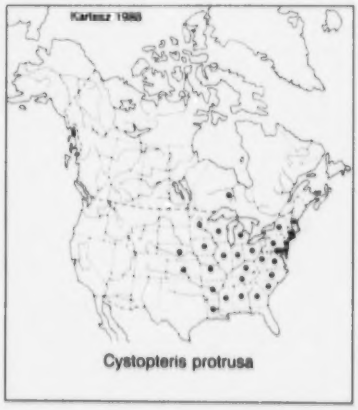


Cypripedium candidum

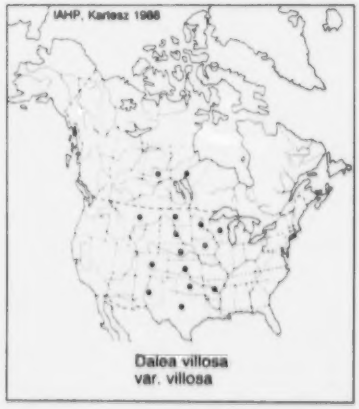


Cypripedium guttatum

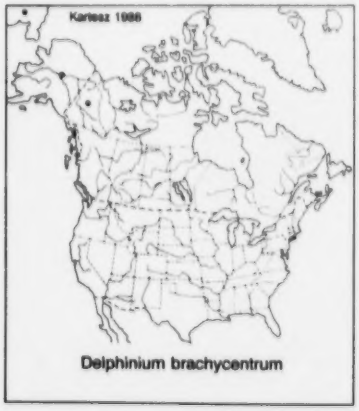

Cypripedium passerinum
var. minganense



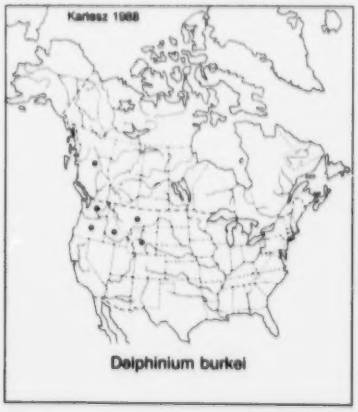
Cystopteris protrusa



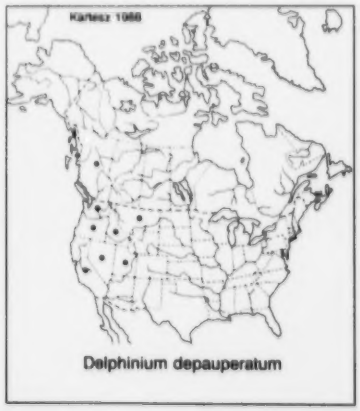
Dalea villosa
var. villosa



Delphinium brachycentrum

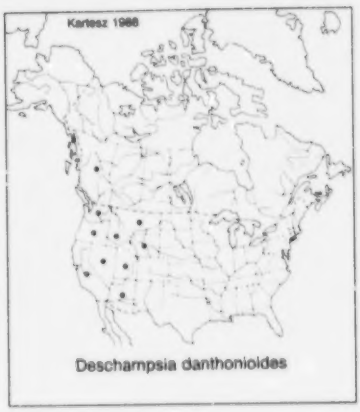


Delphinium burkei



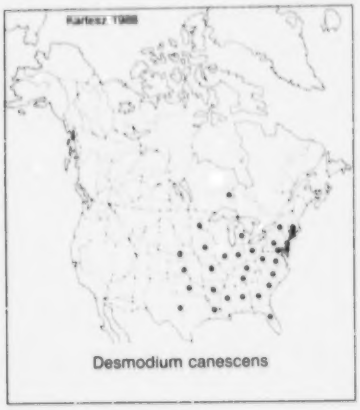
Delphinium depauperatum

Deschampsia cespitosa
ssp. alpina

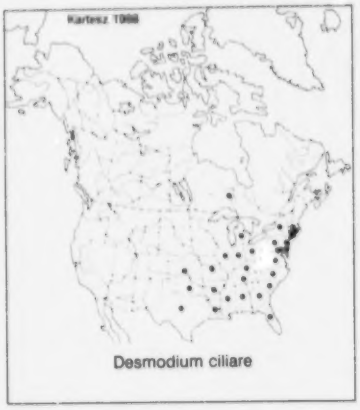


Deschampsia danthonioides

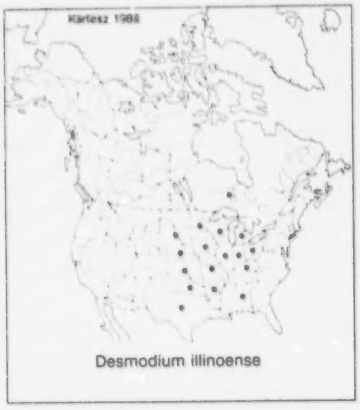
Deschampsia mackenzieana



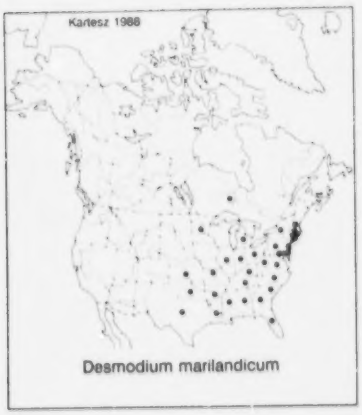
Desmodium canescens



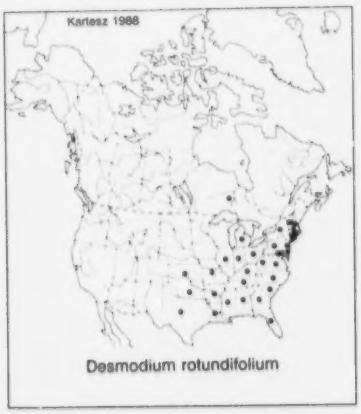
Desmodium ciliare



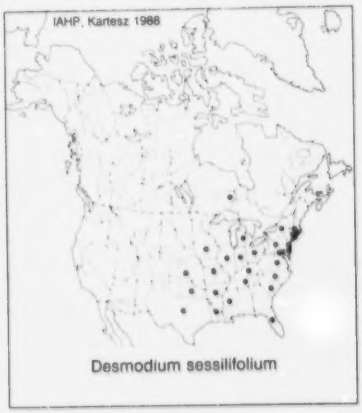
Desmodium illinoense



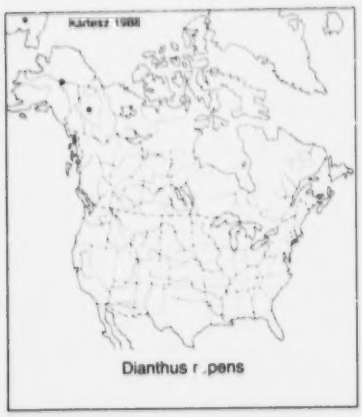
Desmodium marilandicum



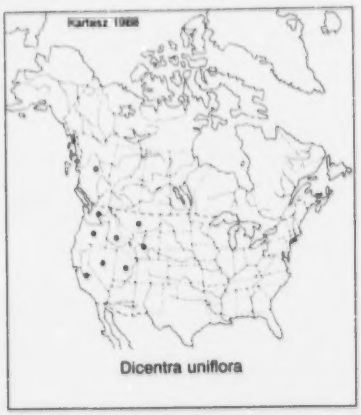
Desmodium rotundifolium



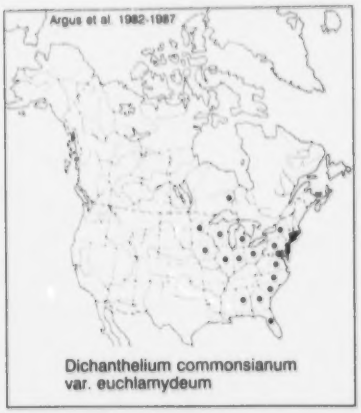
Desmodium sessilifolium



Dianthus r .pens



Dicentra uniflora



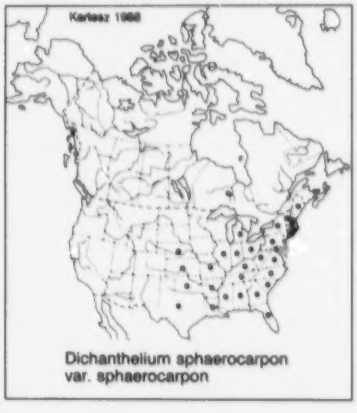
Dichanthelium commonsianum
var. euchlamydeum

Dichanthelium dichotomum
var. dichotomum

Dichanthelium meridionale

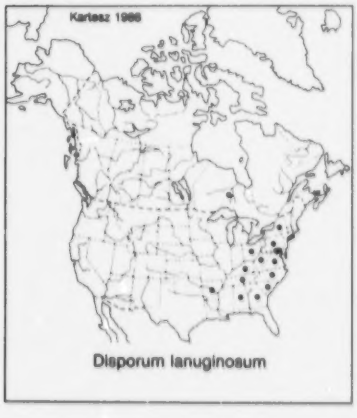
Dichanthelium oligosanthes
var. wilcoxianum

Dichanthelium perlongum

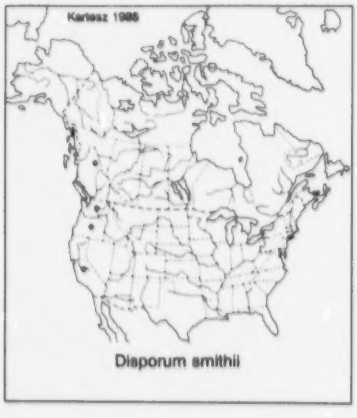


Dichanthelium sphaerocarpon
var. sphaerocarpon

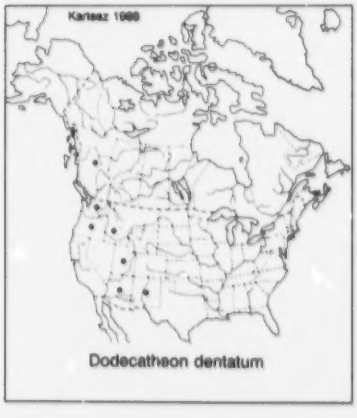
Dichanthelium villosissimum
var. praecocius



Disporum lanuginosum



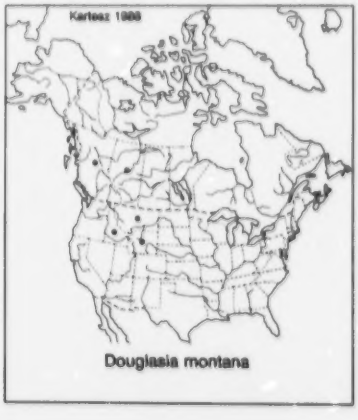
Disporum smithii



Dodecatheon dentatum

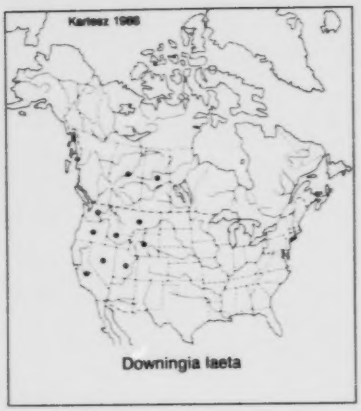
Dodecatheon hendersonii
ssp. henersonii

Douglasia laevigata
ssp. ciliolata



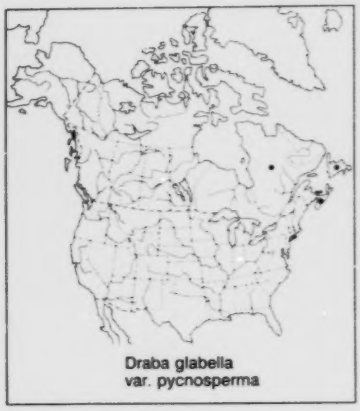
Douglasia montana

Downingia elegans

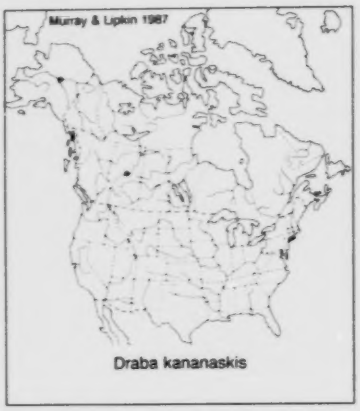


Downingia laeta

Draba densifolia

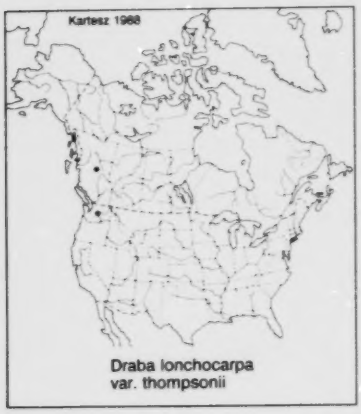


Draba glabella
var. pycnosperma

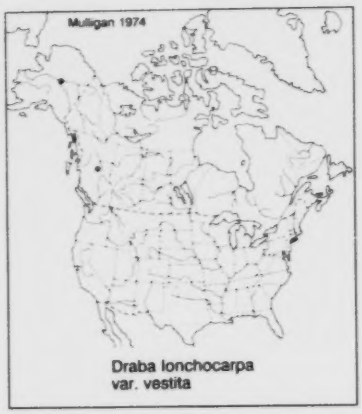


Draba kananaskis

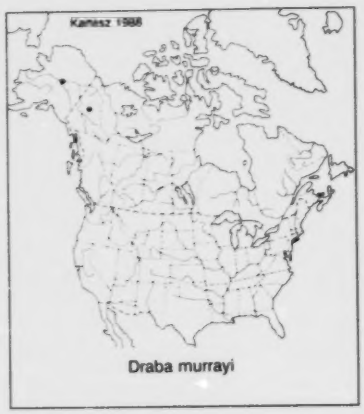
Draba kluanei



Draba lonchocarpa
var. thompsonii



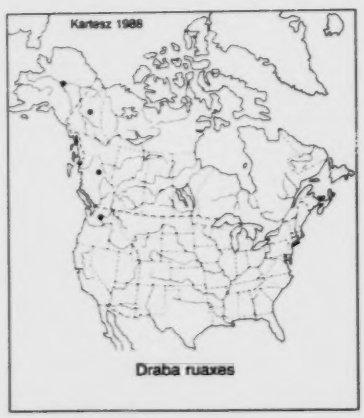
Draba lonchocarpa
var. vestita



Draba murrayi

Draba ogilviensis

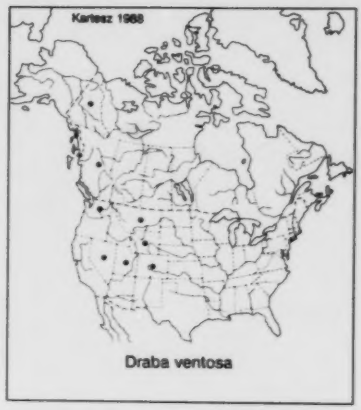
Draba peasei



Draba ruaxes

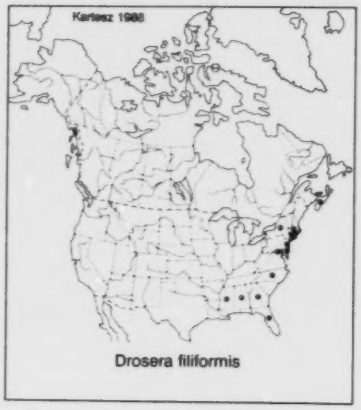
Draba scotteri

Draba stenopetala

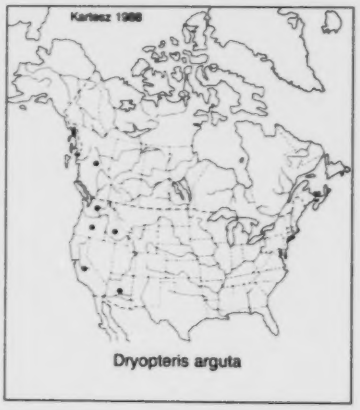


Draba ventosa

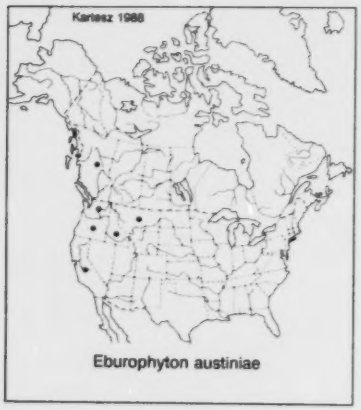
Draba yukonensis



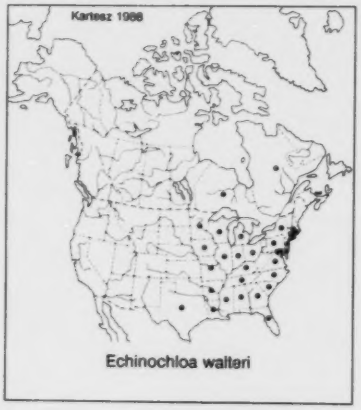
Drosera filiformis



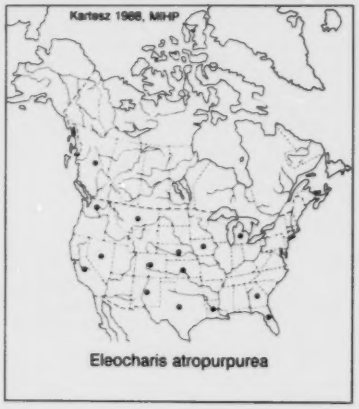
Dryopteris arguta



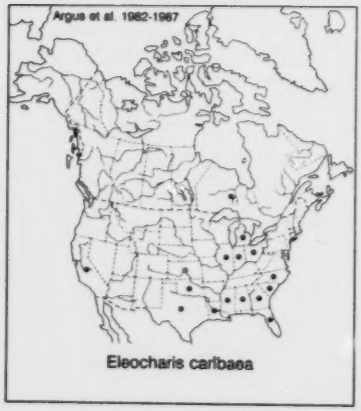
Eburophyton austiniae



Echinochloa walteri

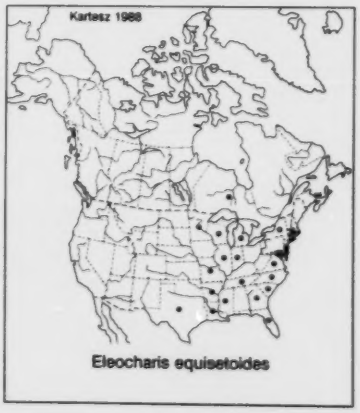


Eleocharis atropurpurea

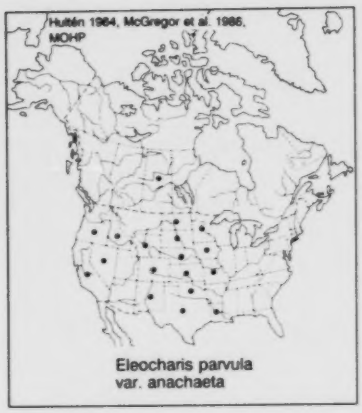


Eleocharis caribaea

Eleocharis engelmannii

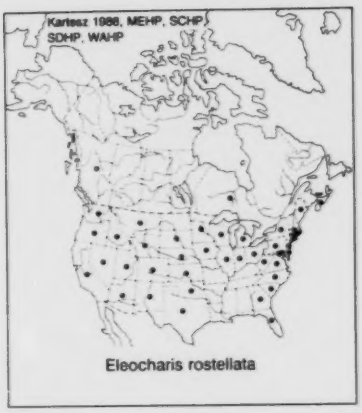


Eleocharis equisetoides

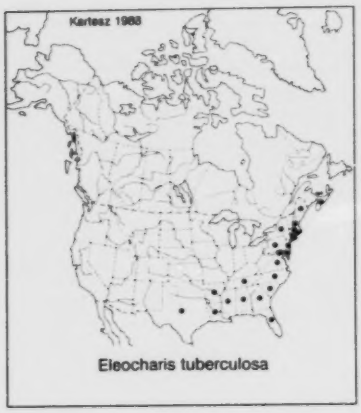


Eleocharis parvula
var. anachaeta

Eleocharis quadrangulata

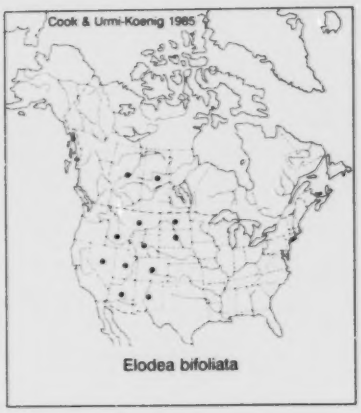


Eleocharis rostellata

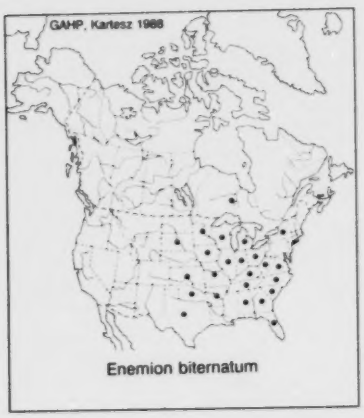


Eleocharis tuberculosa

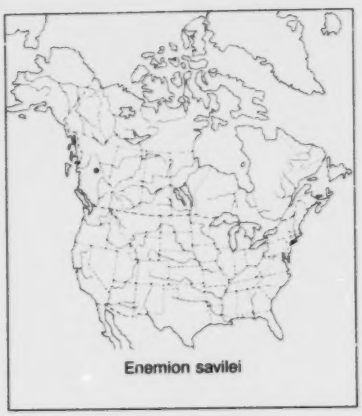
Elmera racemosa

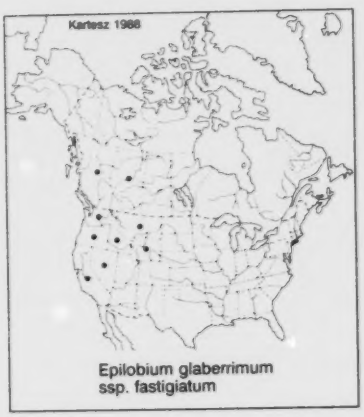


Elodea bifoliata

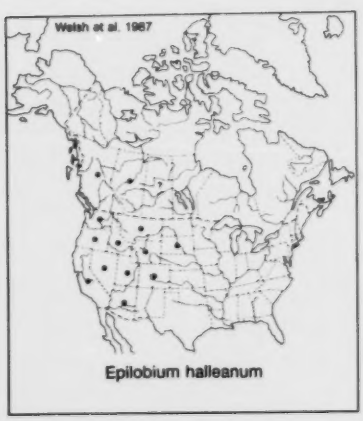


Enemion biternatum


Enemion savilei

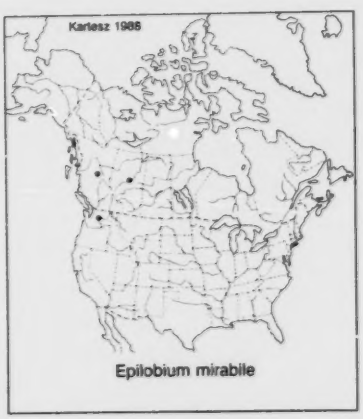


Epilobium glaberrimum
ssp. fastigiatum

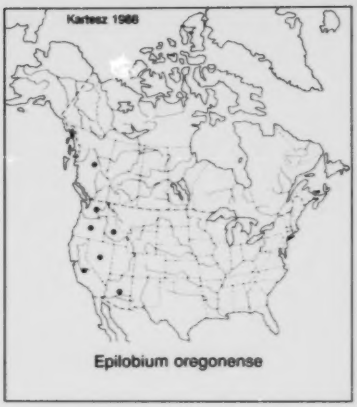


Epilobium halleanum

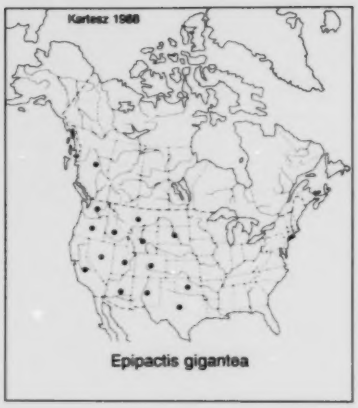
Epilobium hornemannii
ssp. behringianum



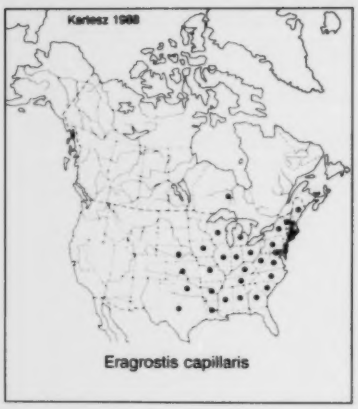
Epilobium mirabile



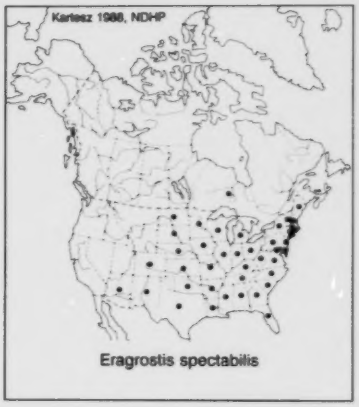
Epilobium oregonense



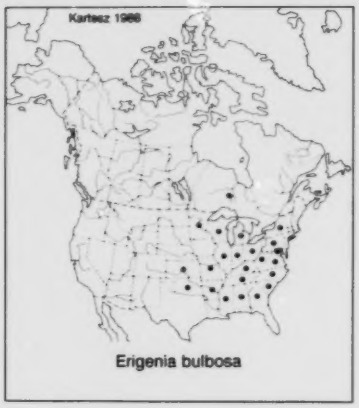
Epipactis gigantea



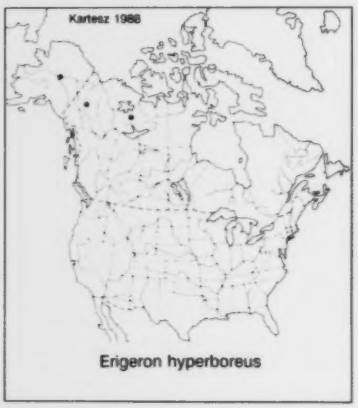
Eragrostis capillaris



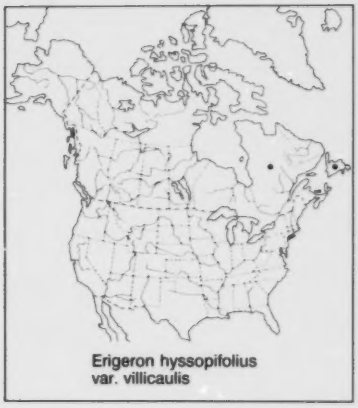
Eragrostis spectabilis



Erigenia bulbosa



Erigeron hyperboreus

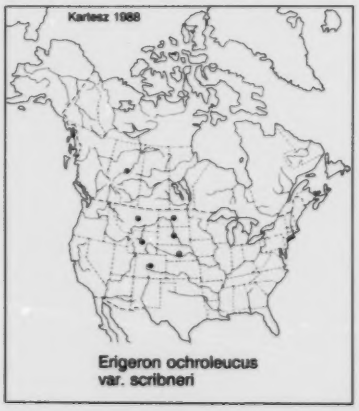


Erigeron hyssopifolius
var. villicaulis

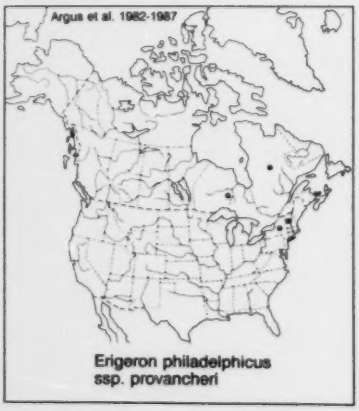
Erigeron leibergii

Erigeron mexiae

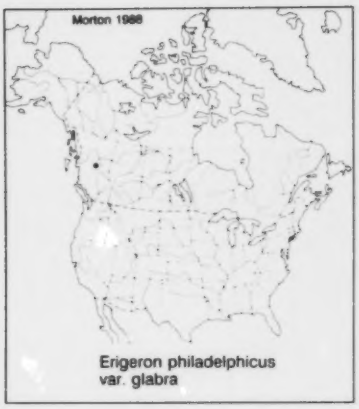
Erigeron muirii



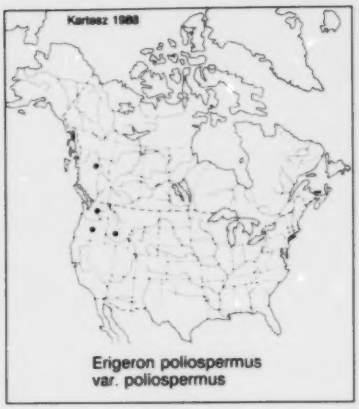
Erigeron ochroleucus
var. scribneri



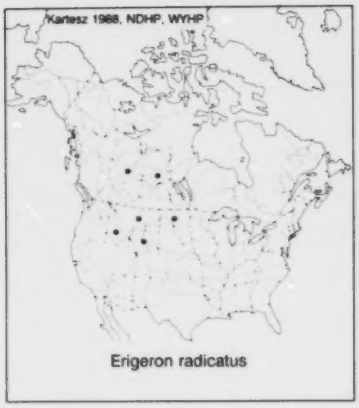
Erigeron philadelphicus
ssp. provancheri



Erigeron philadelphicus
var. glabra

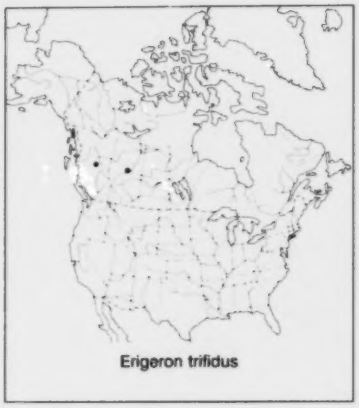


Erigeron poliospermus
var. poliospermus

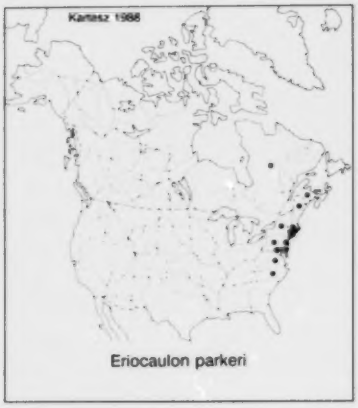


Erigeron radicatus

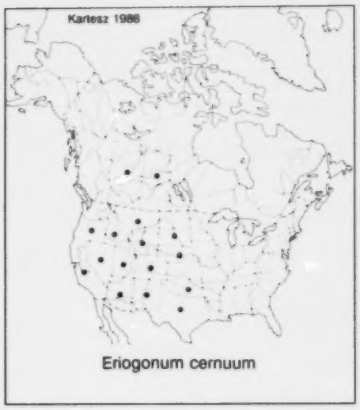
Erigeron salishii



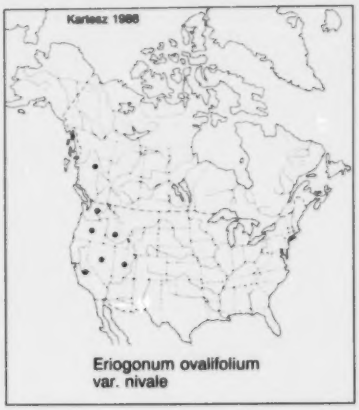
Erigeron trifidus



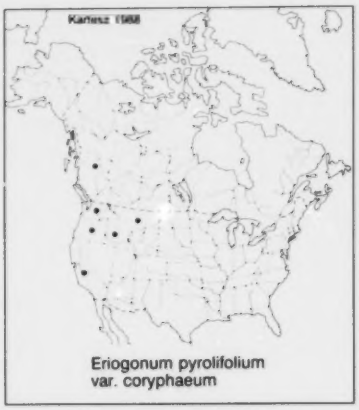
Eriocaulon parkeri



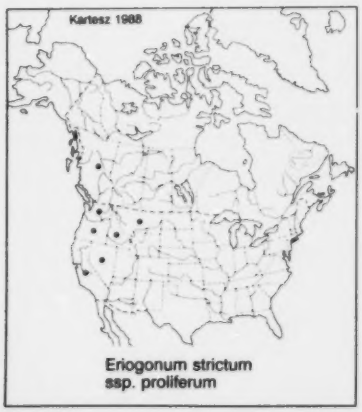
Eriogonum cernuum



Eriogonum ovalifolium
var. nivale

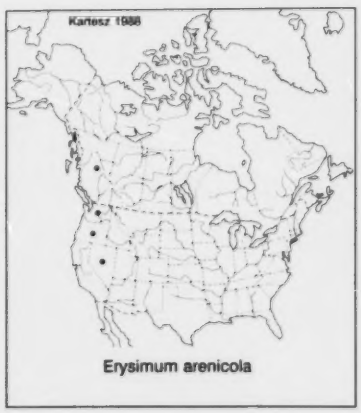


Eriogonum pyrolifolium
var. coryphaeum

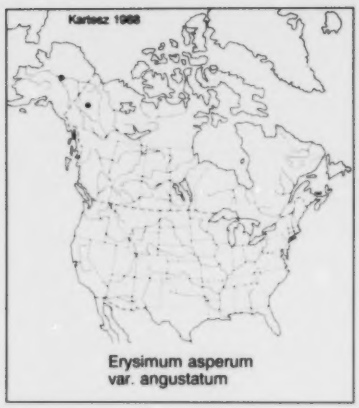


Eriogonum strictum
ssp. proliferum

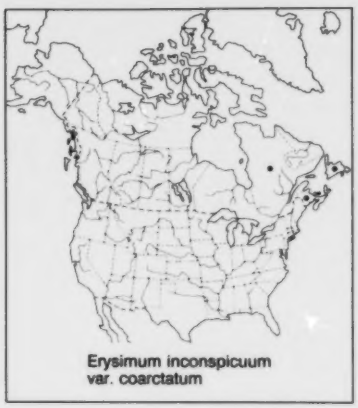
Eritrichium splendens



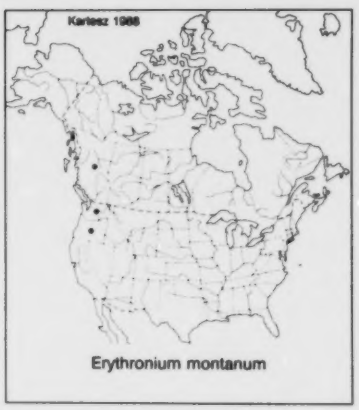
Erysimum arenicola



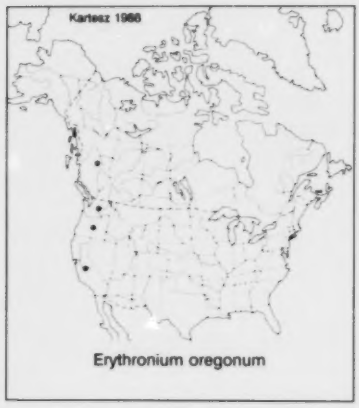
Erysimum asperum
var. angustatum



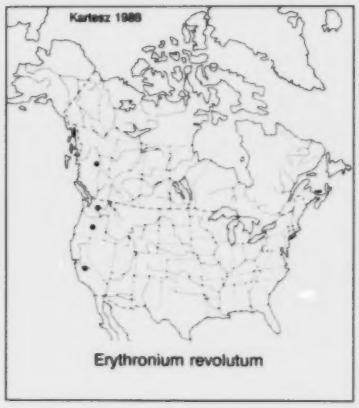
Erysimum inconspicuum
var. coarctatum



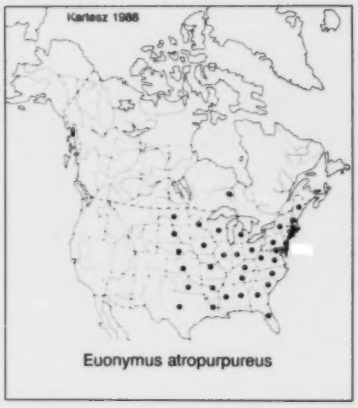
Erythronium montanum



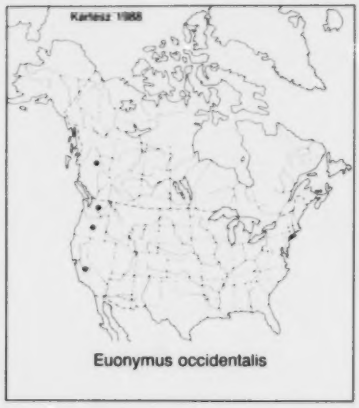
Erythronium oregonum



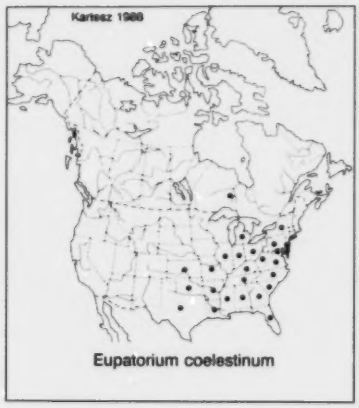
Erythronium revolutum



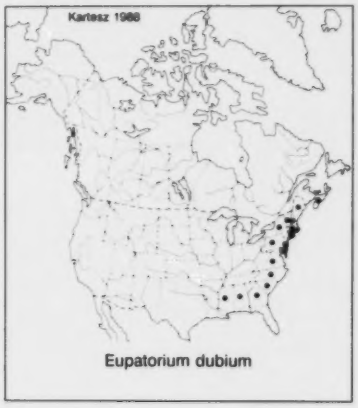
Euonymus atropurpureus



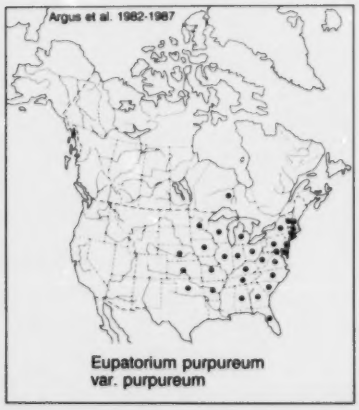
Euonymus occidentalis



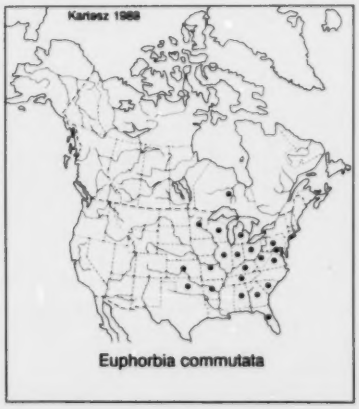
Eupatorium coelestinum



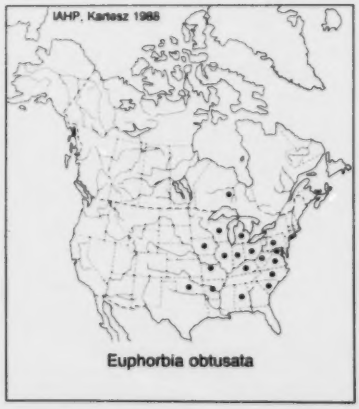
Eupatorium dubium



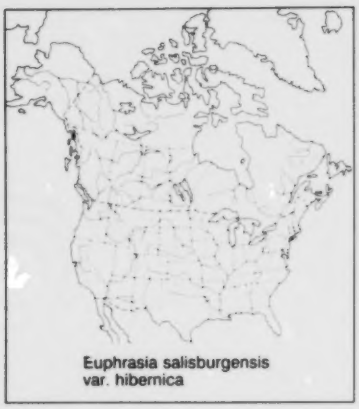
Eupatorium purpureum
var. purpureum



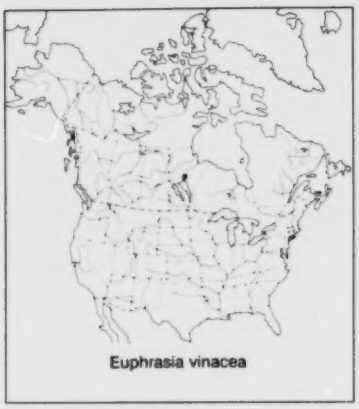
Euphorbia commutata



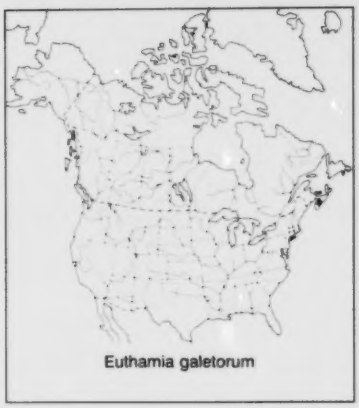
Euphorbia obtusata



Euphrasia salisburgensis
var. hibernica

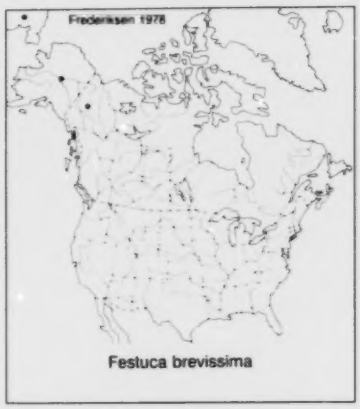


Euphrasia vinacea

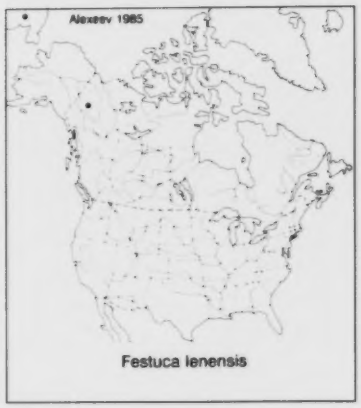


Euthamia galetorum

Festuca auriculata

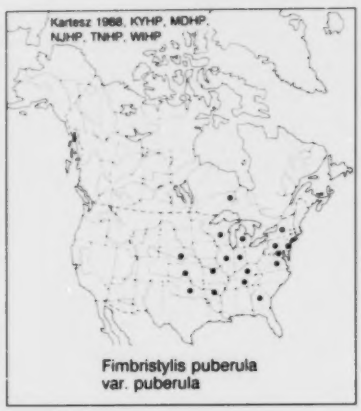


Festuca brevissima



Festuca lenensis

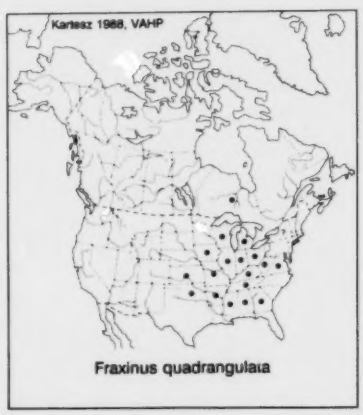
Festuca minutiflora



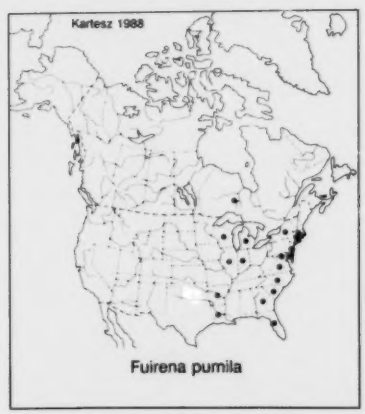
Fimbristylis puberula
var. puberula

Frasera caroliniensis

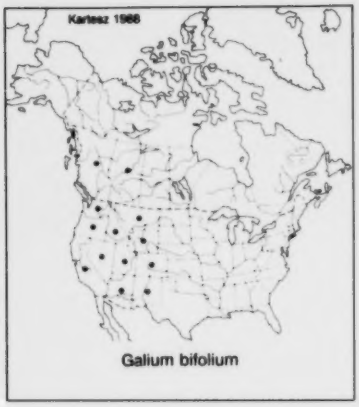
Fraxinus latifolia



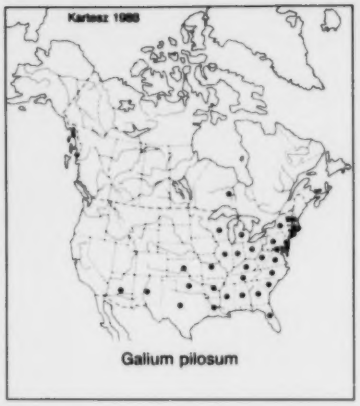
Fraxinus quadrangulata



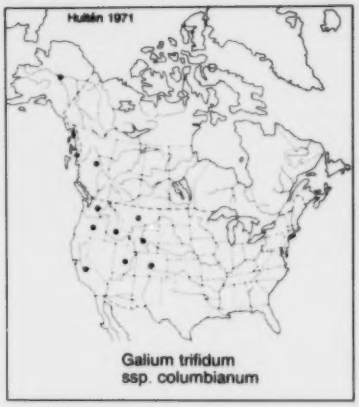
Fuirena pumila



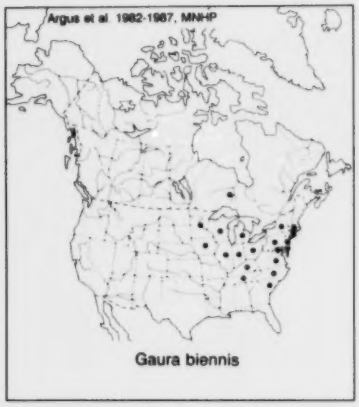
Galium bifolium



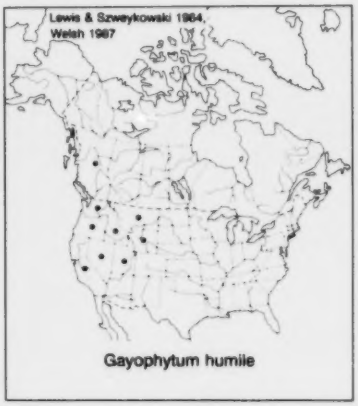
Galium pilosum



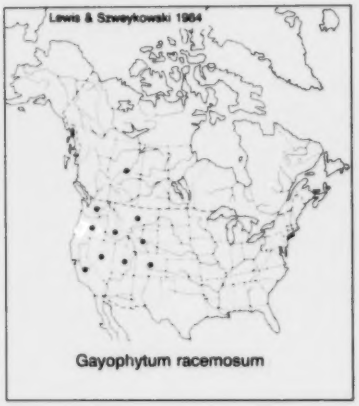
Galium trifidum
ssp. columbianum



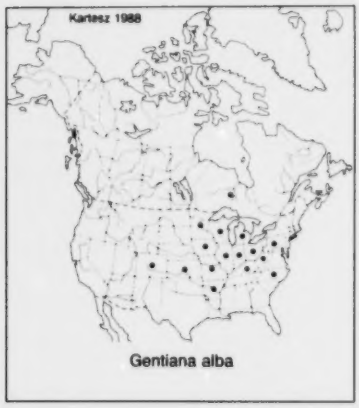
Gaura biennis



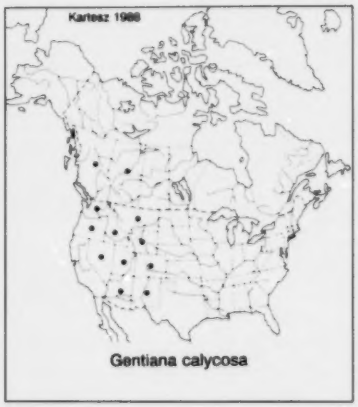
Gayophytum humile



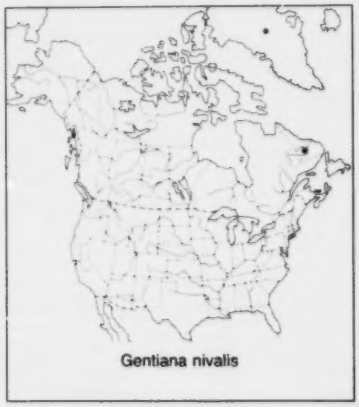
Gayophytum racemosum



Gentiana alba



Gentiana calycosa

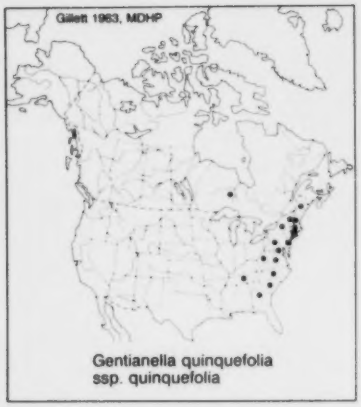


Gentiana nivalis

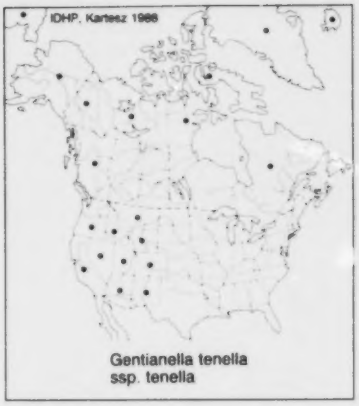
Gentiana platypetala

Gentiana puberulenta

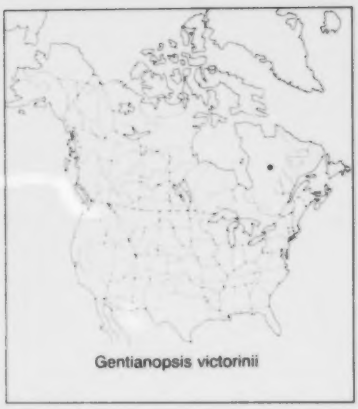
Gentianella quinquefolia
ssp. occidentalis



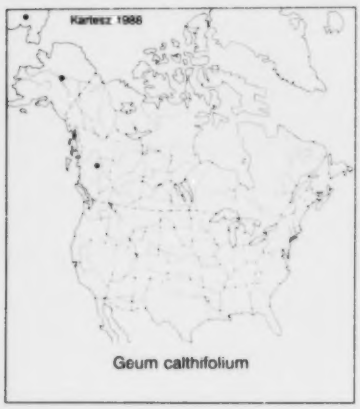
Gentianella quinquefolia
ssp. quinquefolia



Gentianella tenella
ssp. tenella



Gentianopsis victorinii



Geum calthifolium

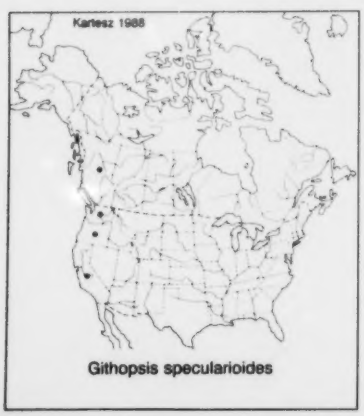
Geum peckii

Geum schofieldii

Geum vernum

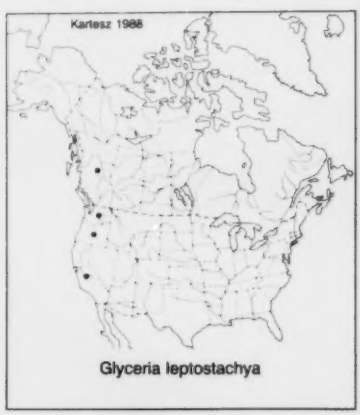
Gilia capitata
ssp. capitata

Gilia sinuata



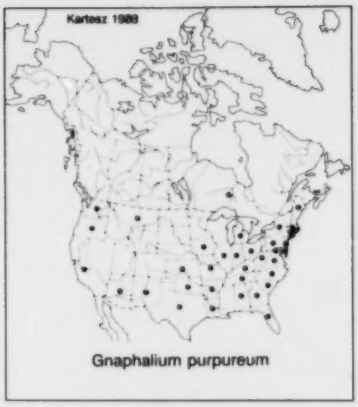
Githopsis specularioides

Gleditsia triacanthos



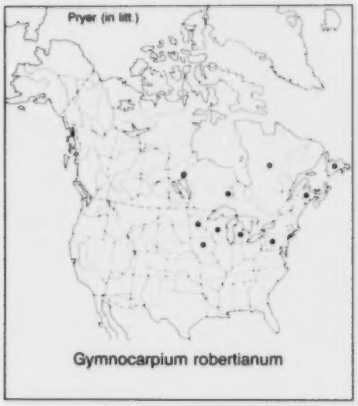
Glyceria leptostachya

Gnaphalium norvegicum

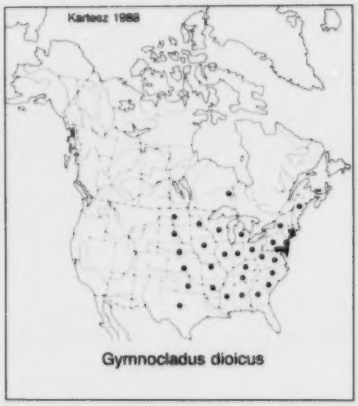


Gnaphalium purpureum

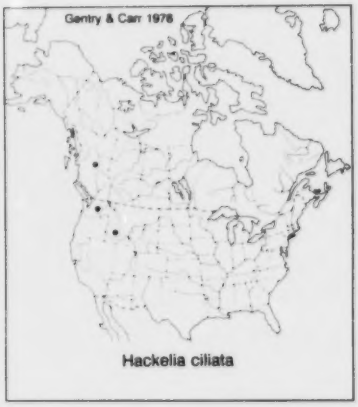
Gratiola neglecta
var. glaberrima



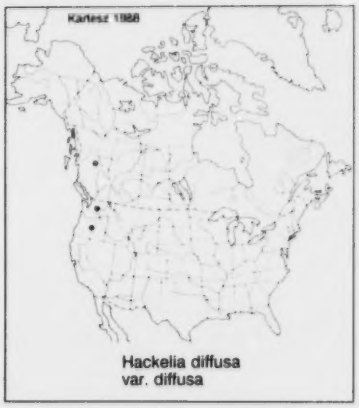
Gymnocarpium robertianum



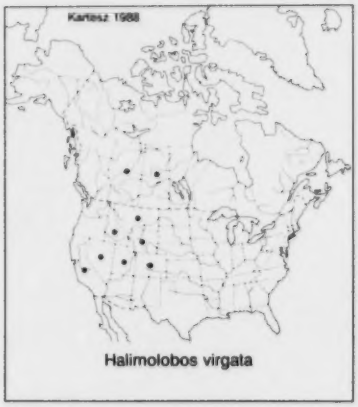
Gymnocladus dioicus



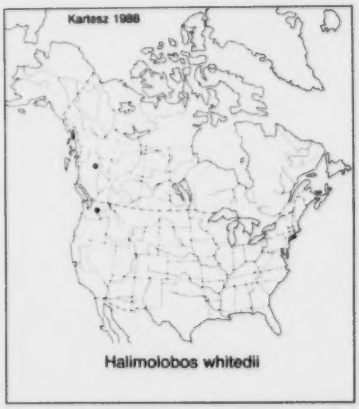
Hackelia ciliata



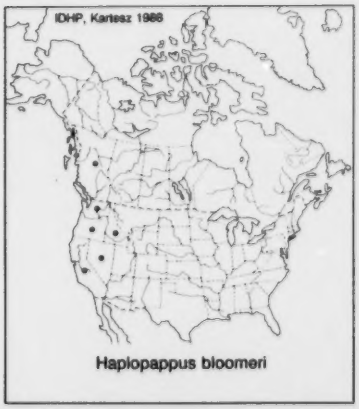
Hackelia diffusa
var. diffusa



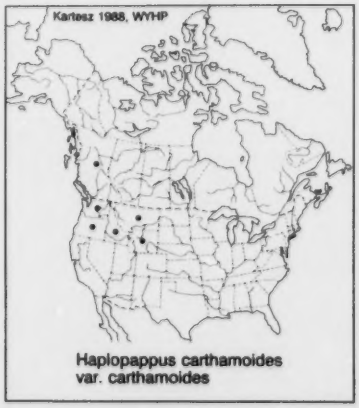
Halimolobos virgata



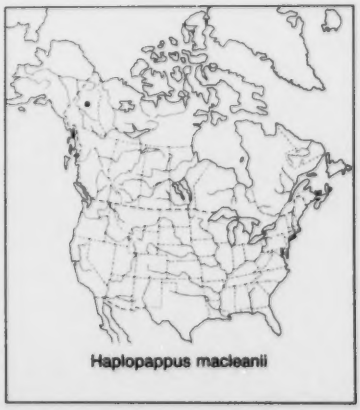
Halimolobos whitedii



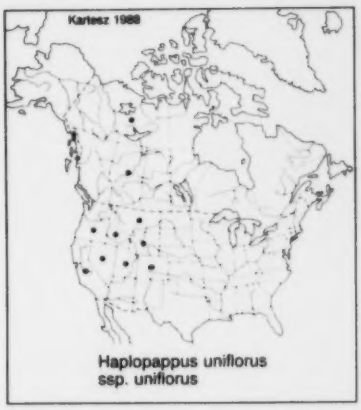
Haplopappus bloomeri



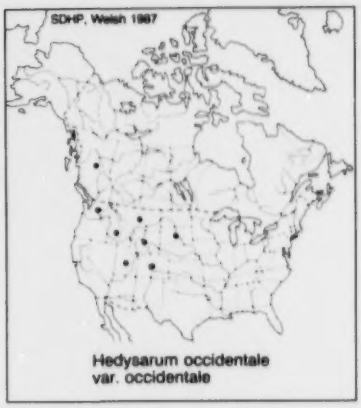
Haplopappus carthamoides
var. carthamoides



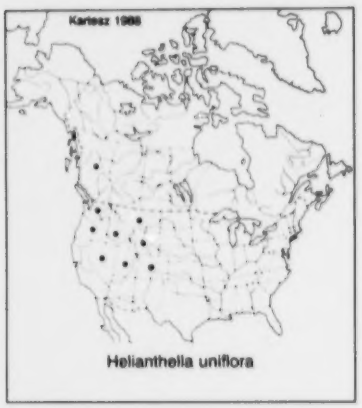
Haplopappus macleanii



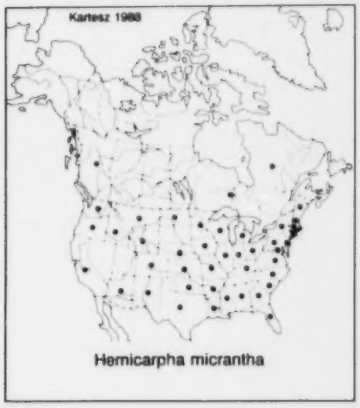
Haplopappus uniflorus
ssp. uniflorus



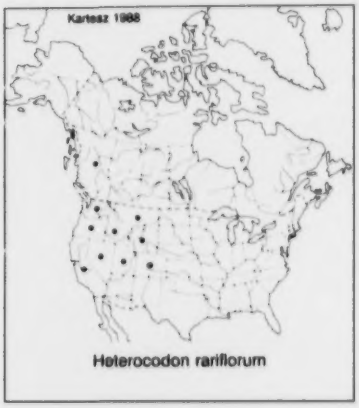
Hedysarum occidentale
var. occidentale



Helianthella uniflora

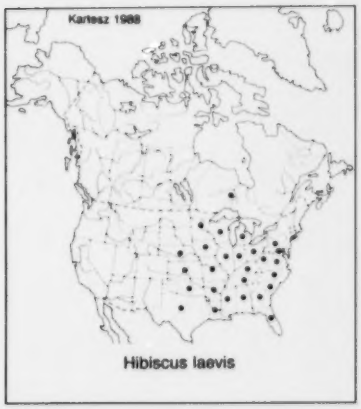


Hemicarpha micrantha

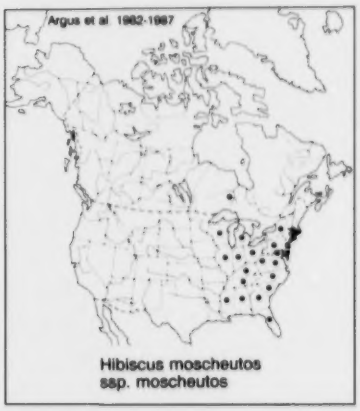


Heterocodon rariflorum

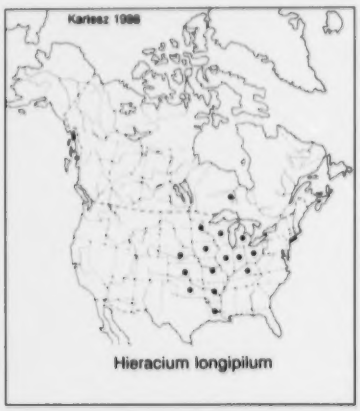
Heuchera americana
var. americana



Hibiscus laevis

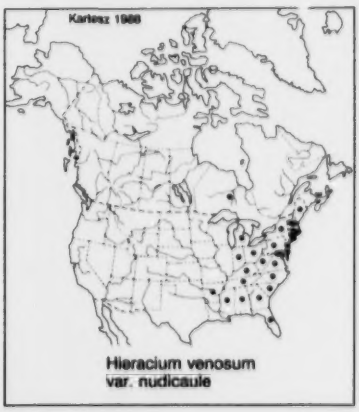


Hibiscus moscheutos
ssp. moscheutos

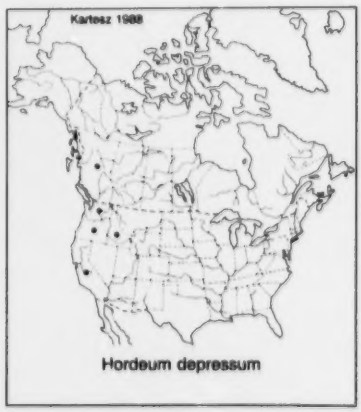


Hieracium longipilum

Hieraceum scabrum
var. leucocaule

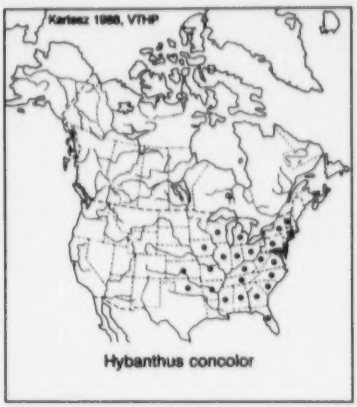


Hieracium venosum
var. nudicaule

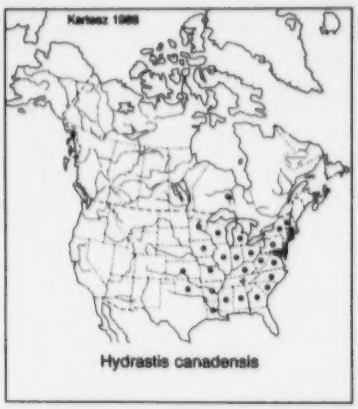


Hordeum depressum

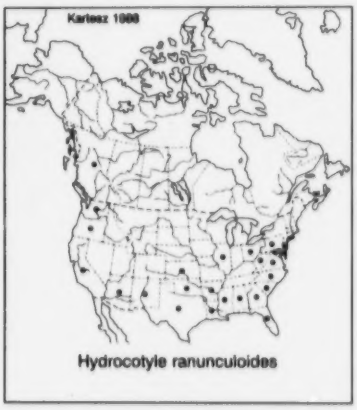
Huperzia miyoshiana



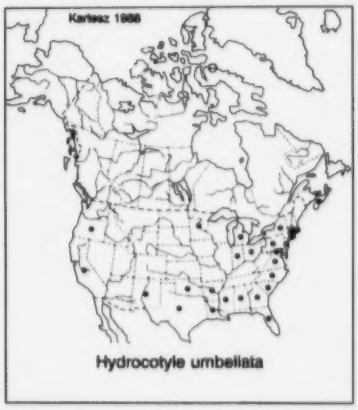
Hybanthus concolor



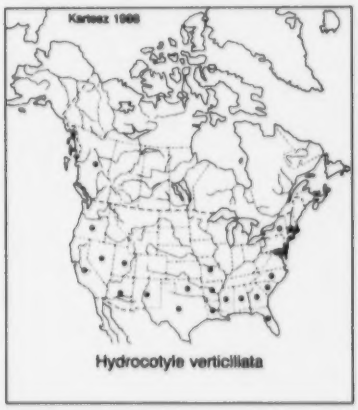
Hydrastis canadensis



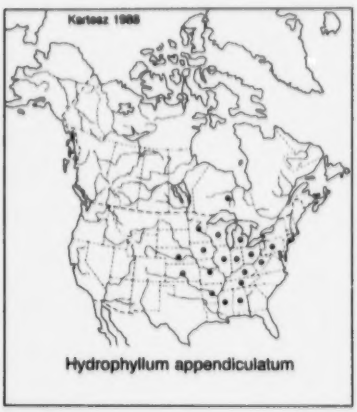
Hydrocotyle ranunculoides



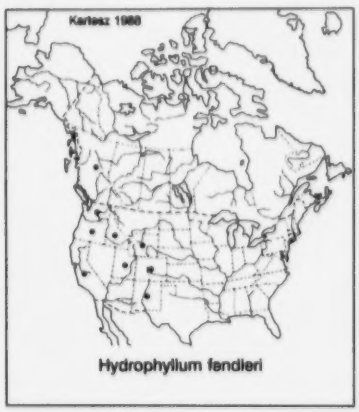
Hydrocotyle umbellata



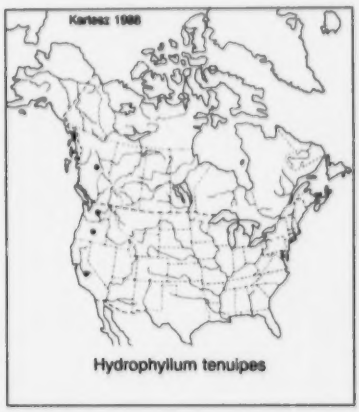
Hydrocotyle verticillata



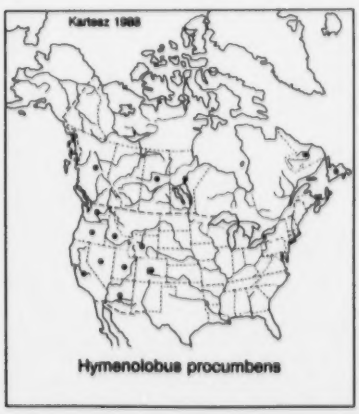
Hydrophyllum appendiculatum



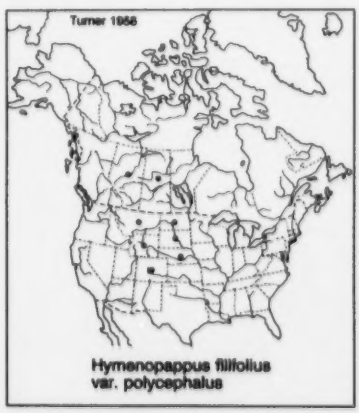
Hydrophyllum fendleri



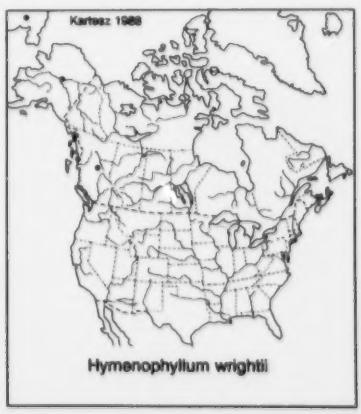
Hydrophyllum tenuipes



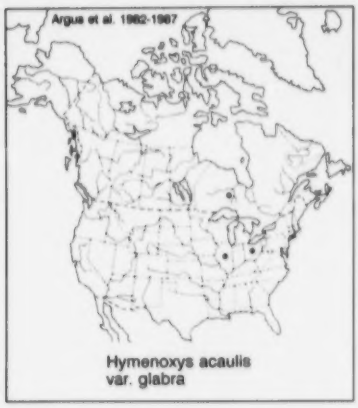
Hymenolobus procumbens



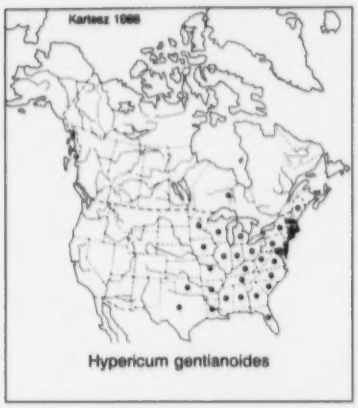
Hymenopappus filifolius
var. polycephalus



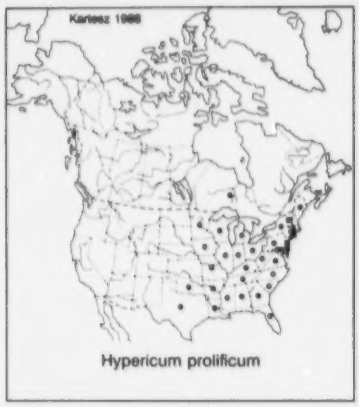
Hymenophyllum wrightii



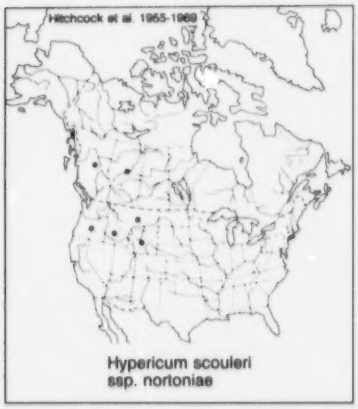
Hymenoxys acaulis
var. glabra



Hypericum gentianoides

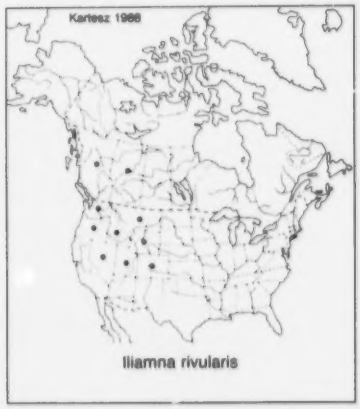


Hypericum prolificum



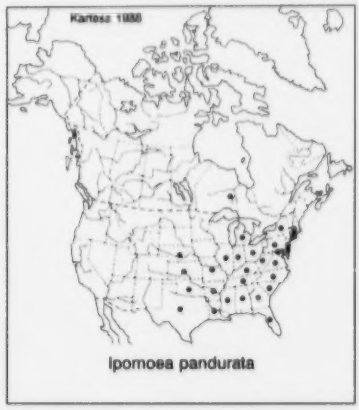
Hypericum scouleri
ssp. nortoniae

Idahoa scapigera

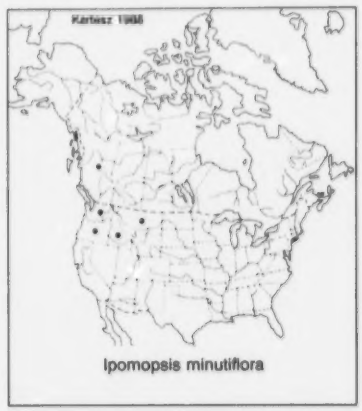


Iliamna rivularis

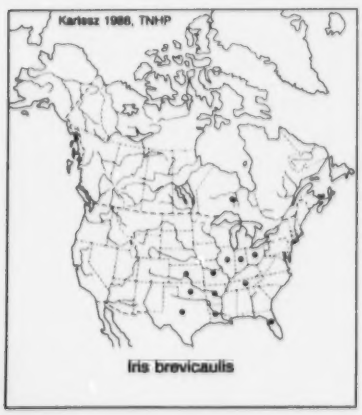
Impatiens aurella



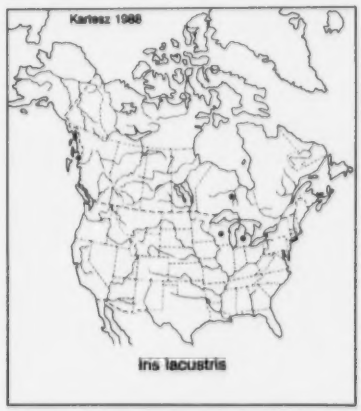
Ipomoea pandurata



Ipomopsis minutiflora



Iris brevicaulis

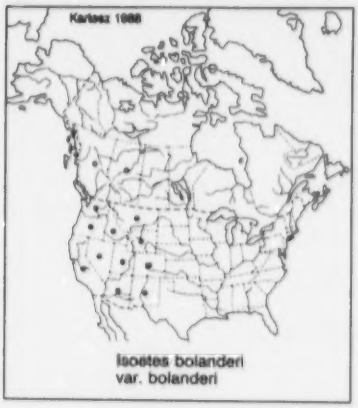


Iris lacustris

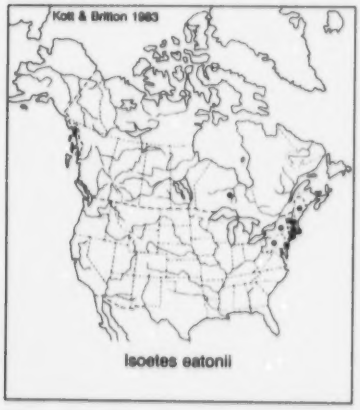
Iris missouriensis

Iris setosa
var. interior

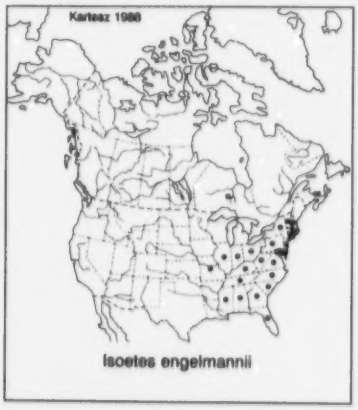
Iris setosa
var. setosa



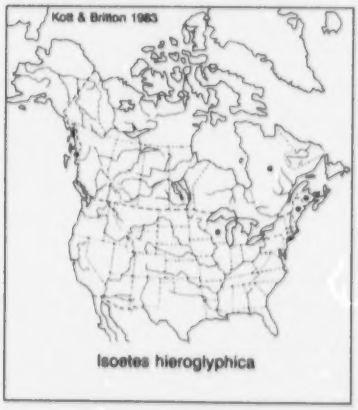
Isoetes bolanderi
var. bolanderi



Isoetes eatonii

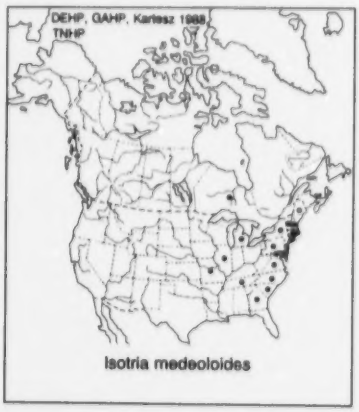


Isoetes engelmannii

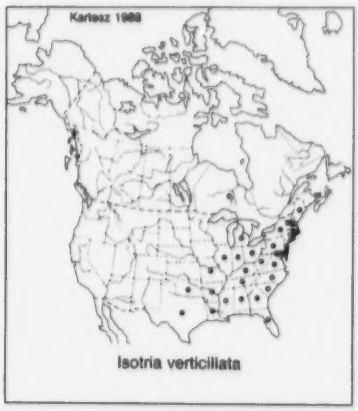


Isoetes hieroglyphica

Isoetes nuttallii

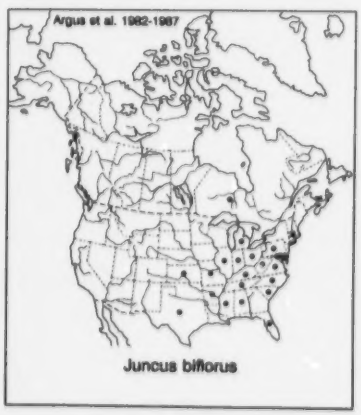


Isotria medeoloides

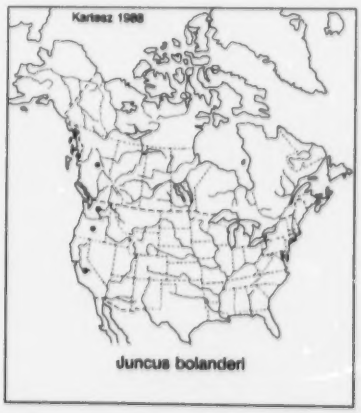


Isotria verticillata

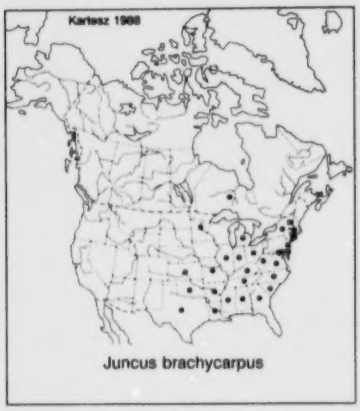
Jaumea carnosa



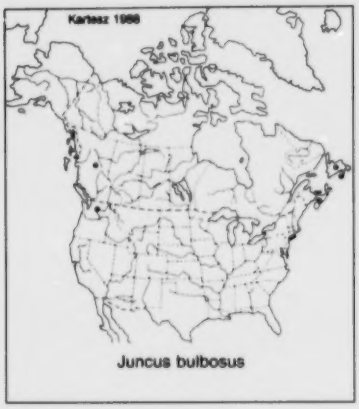
Juncus bifiorus



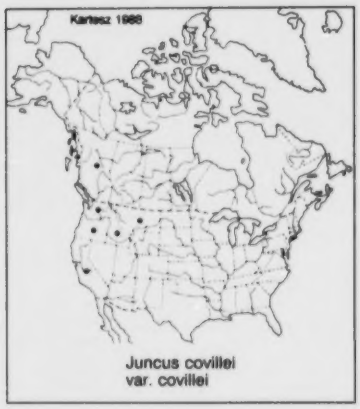
Juncus bolanderi



Juncus brachycarpus



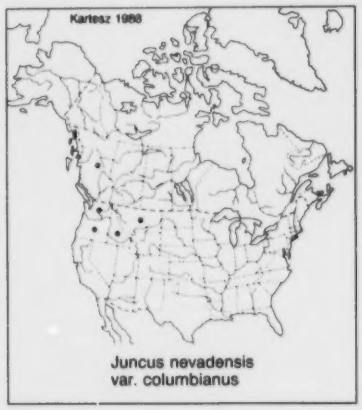
Juncus bulbosus



Juncus covillei
var. covillei

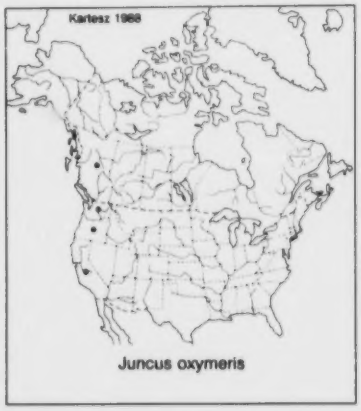
Juncus kelloggii

Juncus lesueurii

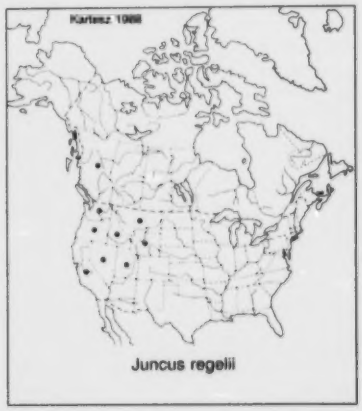


Juncus nevadensis
var. columbianus

Juncus nevadensis
var. nevadensis



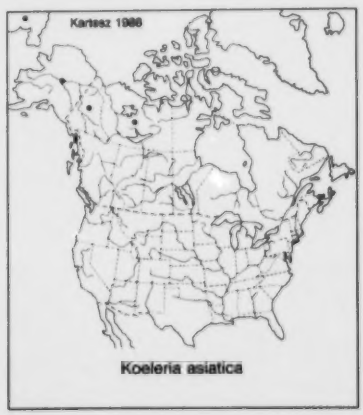
Juncus oxymeris



Juncus regelii

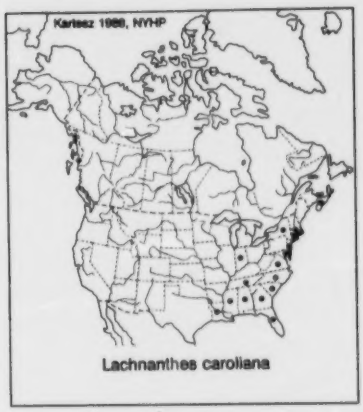
Juncus secundus

Justicia americana

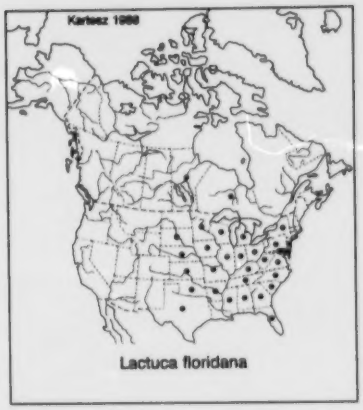


Koeleria asiatica

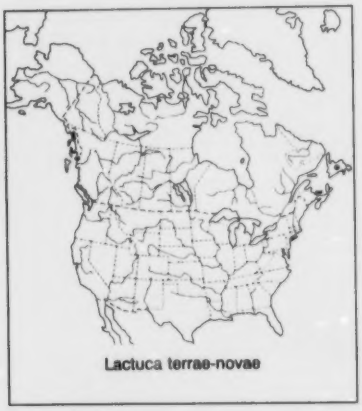
Krigia biflora



Lachnanthes caroliana

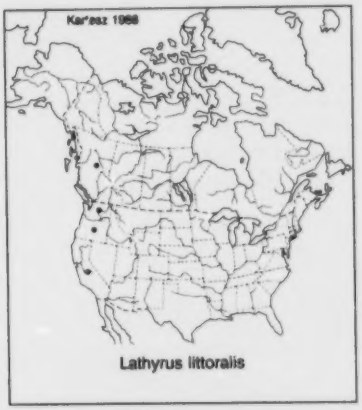


Lactuca floridana



Lactuca terrae-novae

Lasthenia minor
ssp. maritima

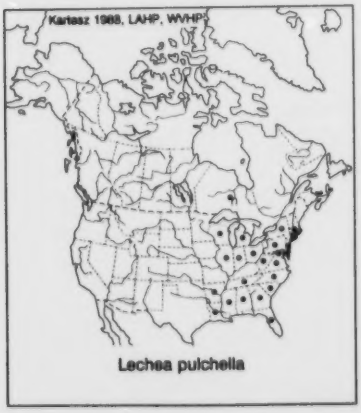


Lathyrus littoralis

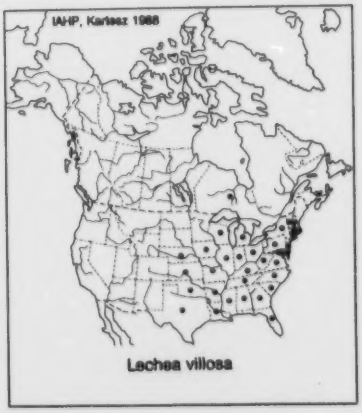
Lechea intermedia
var. depauperata

Lechea maritima
var. subcylindrica

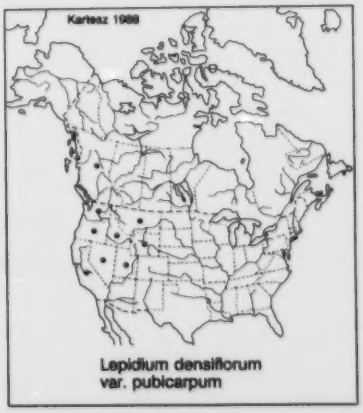
Lechea minor



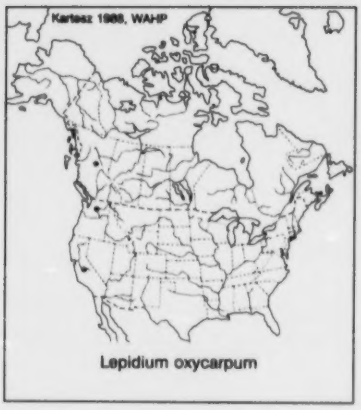
Lechea pulchella



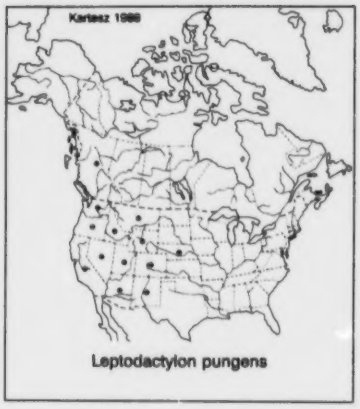
Lechea villosa



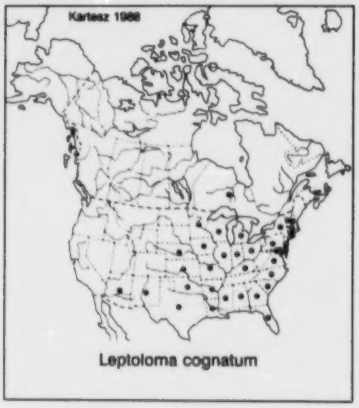
Lepidium densiflorum
var. pubicarpum



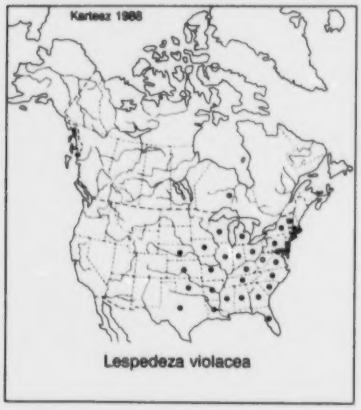
Lepidium oxycarpum



Leptodactylon pungens



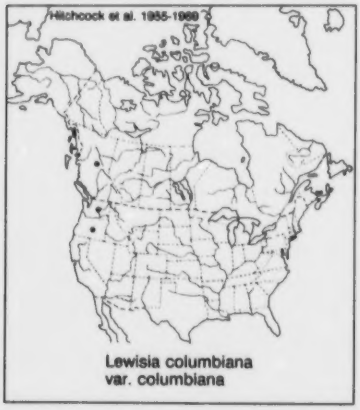
Leptoloma cognatum



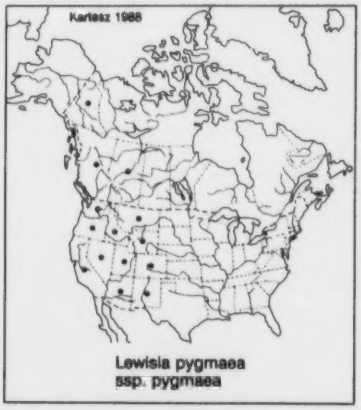
Lespedeza violacea

Lespedeza virginica

Leucospora multifida



Lewisia columbiana
var. columbiana



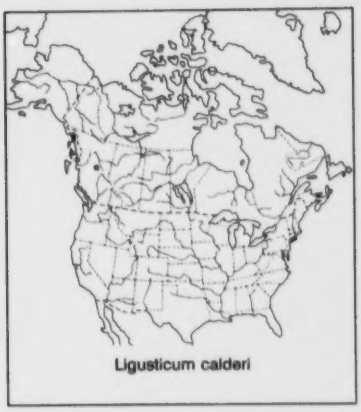
Lewisia pygmaea
ssp. pygmaea

Lewisia triphylla

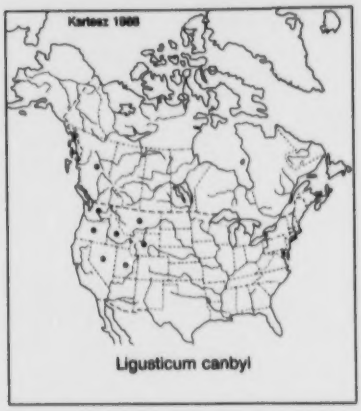
Lewisia tweedyi

Liatris aspera
var. intermedia

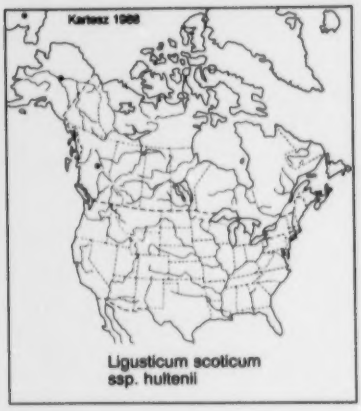
Liatris spicata



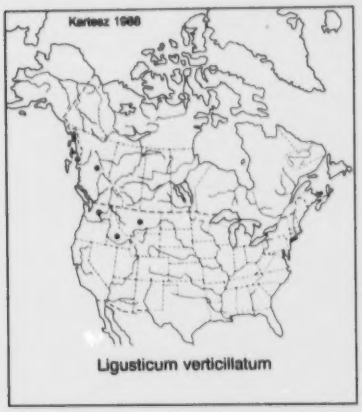
Ligusticum calderi



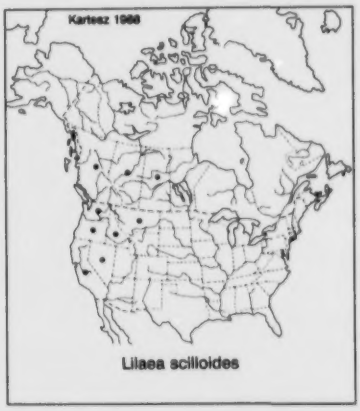
Ligusticum canbyi



Ligusticum scoticum
ssp. hultenii

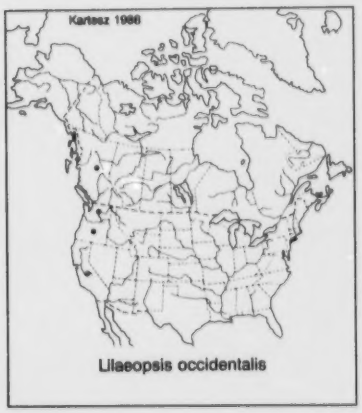


Ligusticum verticillatum

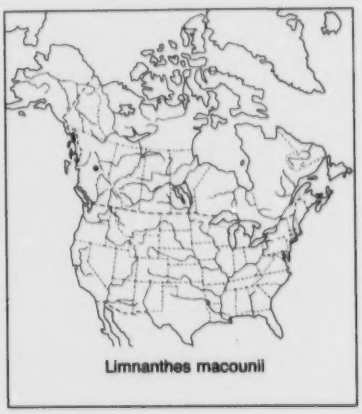


Lilaea scilloides

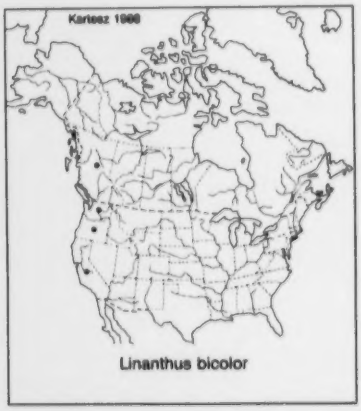
Lilaeopsis chinensis



Lilaeopsis occidentalis



Limnanthes macounii

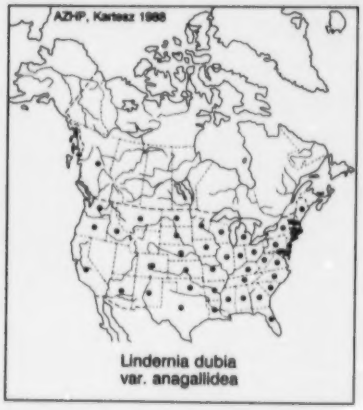


Linanthus bicolor

Linanthus harknessii
var. harknessii

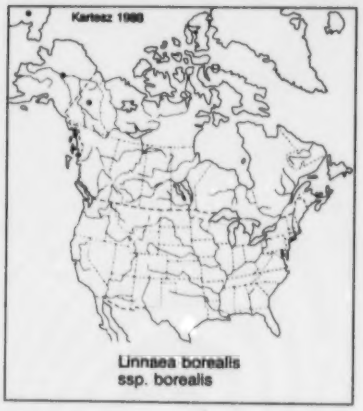
Linaria canadensis
var. canadensis

Linaria canadensis
var. texana



Lindernia dubia
var. anagallidea

Lindernia dubia
var. inundata

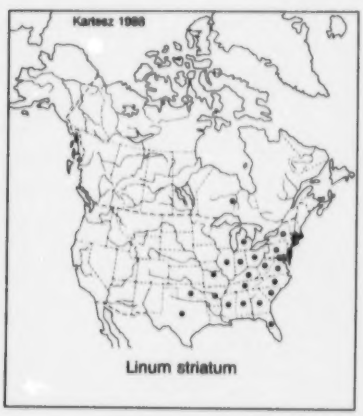


Linnaea borealis
ssp. borealis

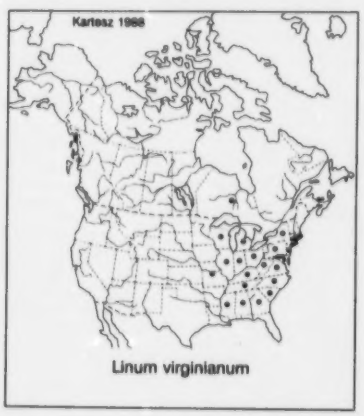
Linum lewisii
ssp. lepagei

Linum medium
var. medium

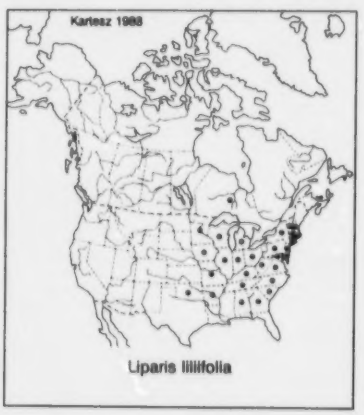
Linum medium
var. texanum



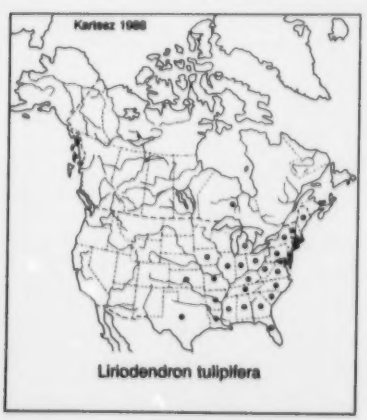
Linum striatum



Linum virginianum

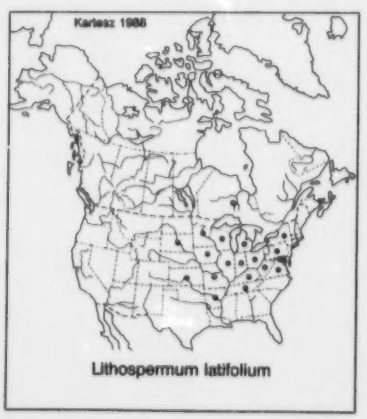


Liparis liliifolia



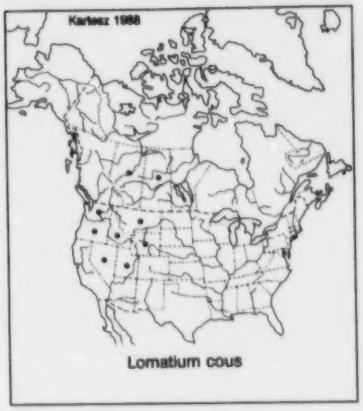
Liriodendron tulipifera

Listera australis

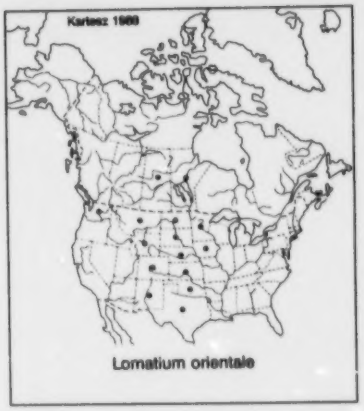


Lithospermum latifolium

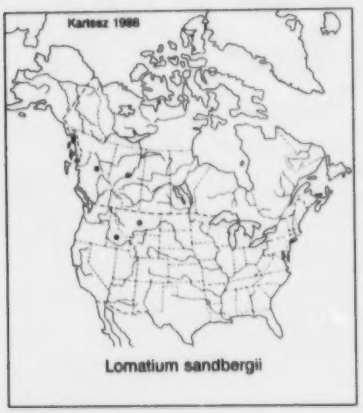
Lomatium brandegei



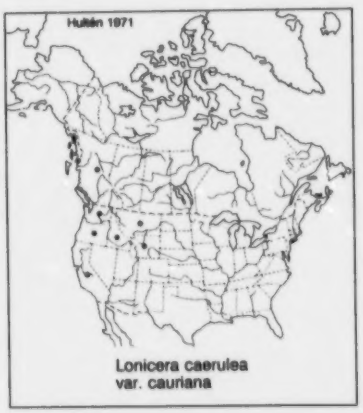
Lomatium cous



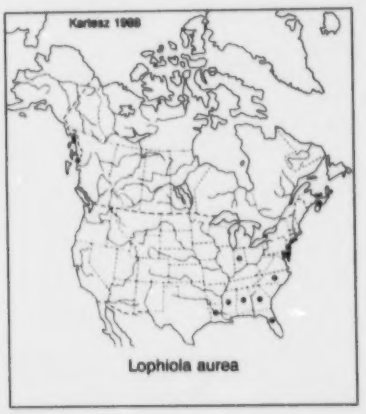
Lomatium orientale



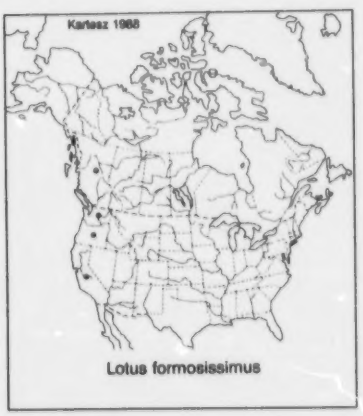
Lomatium sandbergii



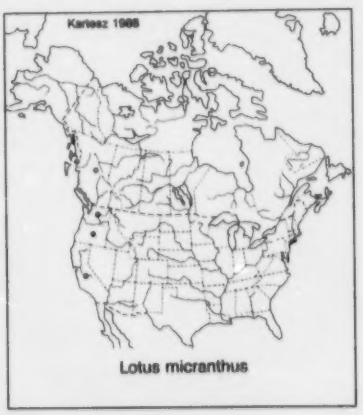
Lonicera caerulea
var. cauriana



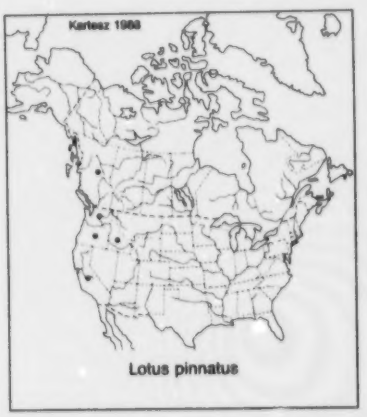
Lophiola aurea



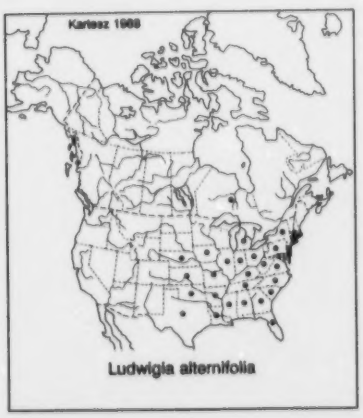
Lotus formosissimus



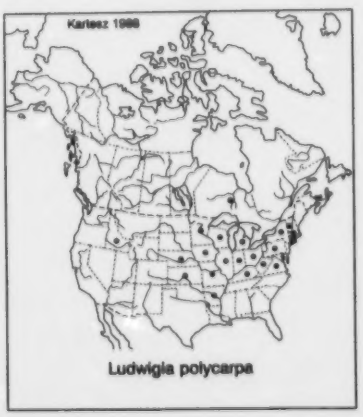
Lotus micranthus



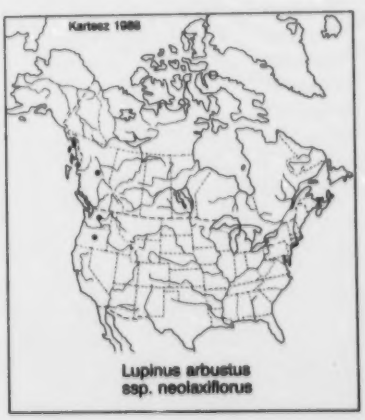
Lotus pinnatus



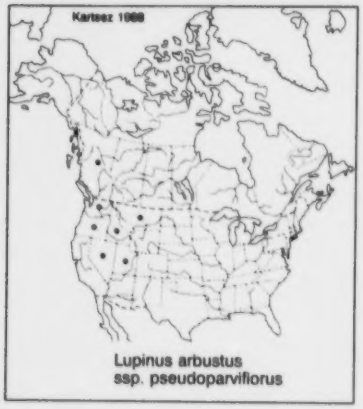
Ludwigia alternifolia



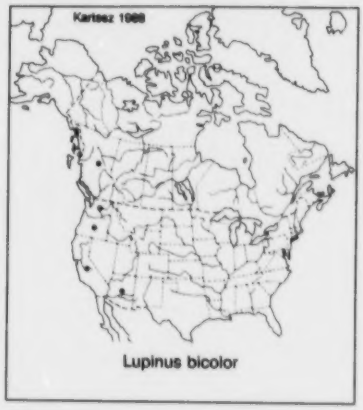
Ludwigia polycarpa



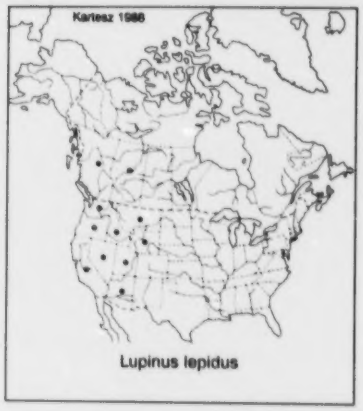
Lupinus arbustus
ssp. neolaxiflorus



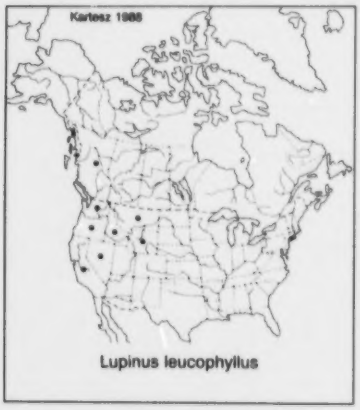
Lupinus arbustus
ssp. pseudoparviflorus



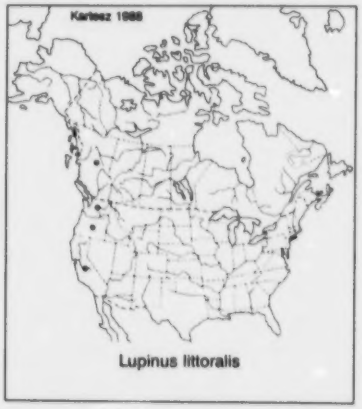
Lupinus bicolor



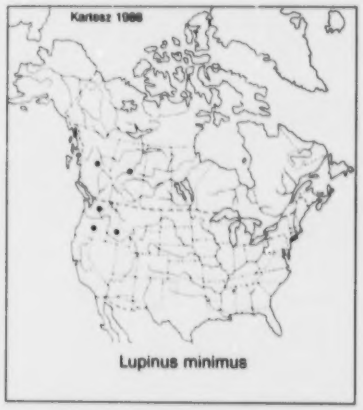
Lupinus lepidus



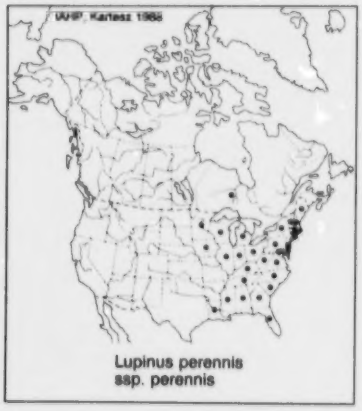
Lupinus leucophyllus



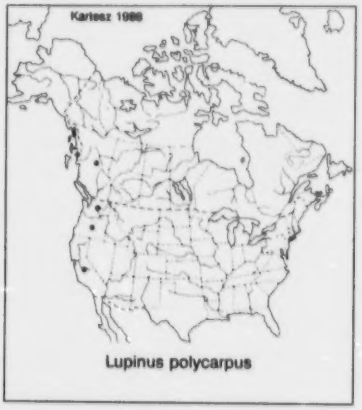
Lupinus littoralis



Lupinus minimus

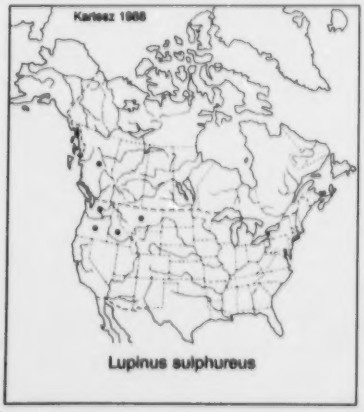


Lupinus perennis
ssp. perennis

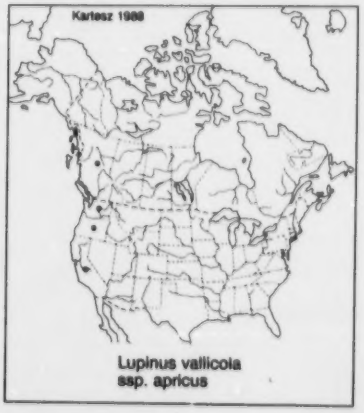


Lupinus polycarpus

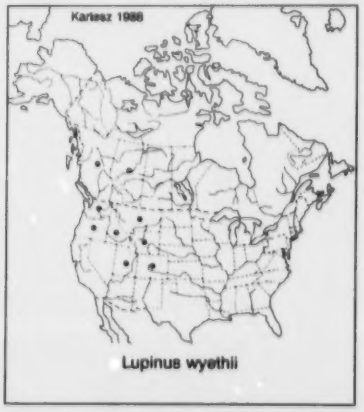
Lupinus rivularis



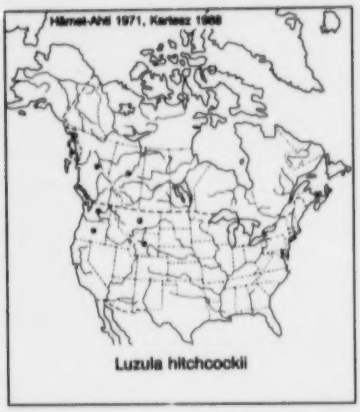
Lupinus sulphureus



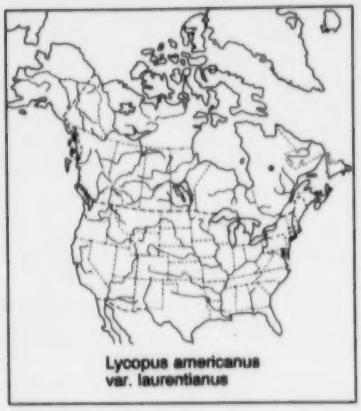
Lupinus vallicola
ssp. apricus

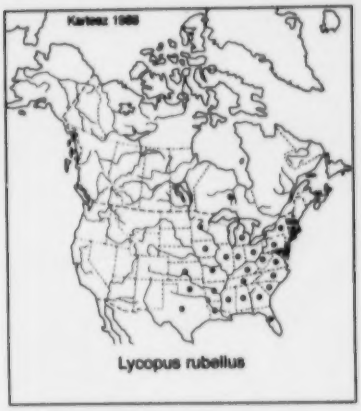


Lupinus wyethii

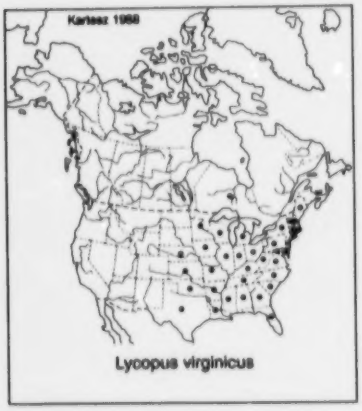


Luzula hitchcockii

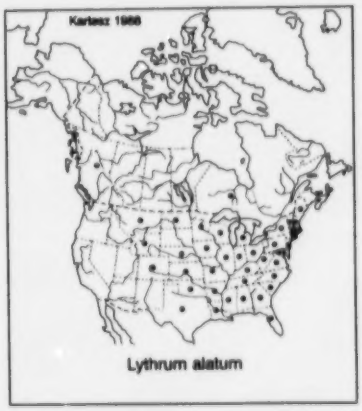

Lycopus americanus
var. laurentianus



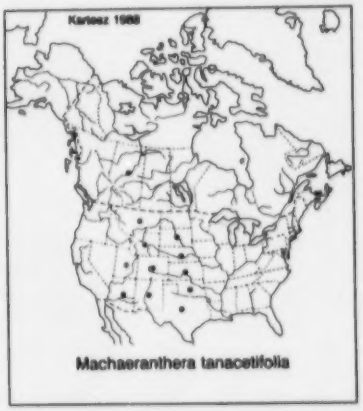
Lycopus rubellus



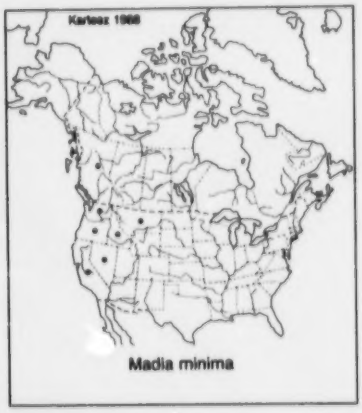
Lycopus virginicus



Lythrum alatum

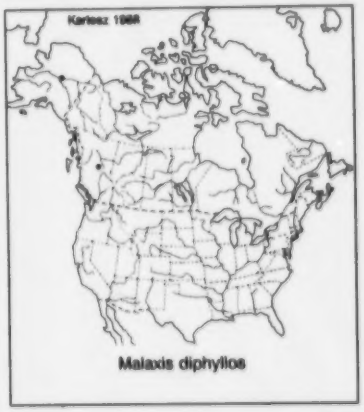


Machaeranthera tanacetifolia

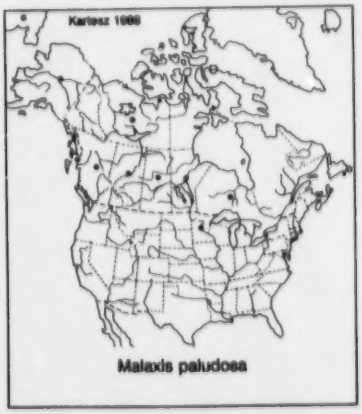


Madia minima

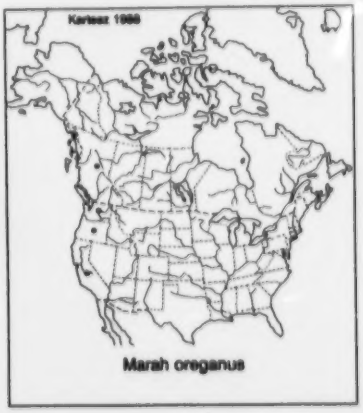
Magnolia acuminata



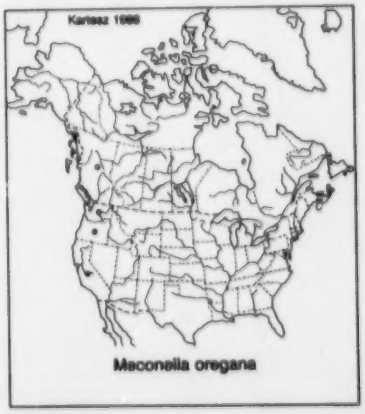
Malaxis diphyllos



Malaxis paludosa



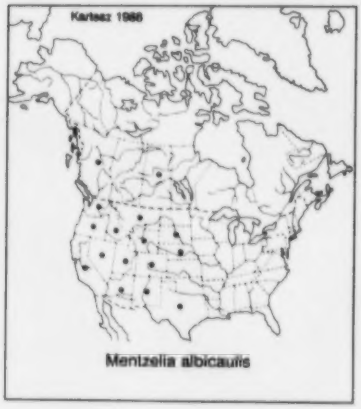
Marah oreganus



Maconelia oregana

Melica harfordii

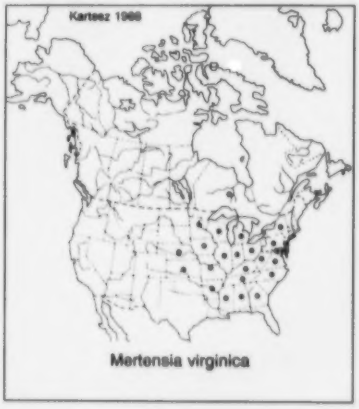
Melica spectabilis



Mentzelia albicaulis

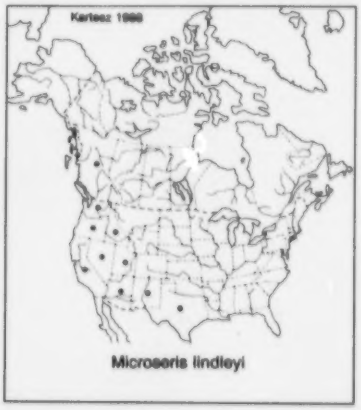
Mertensia drummondii

Mertensia paniculata
var. borealis



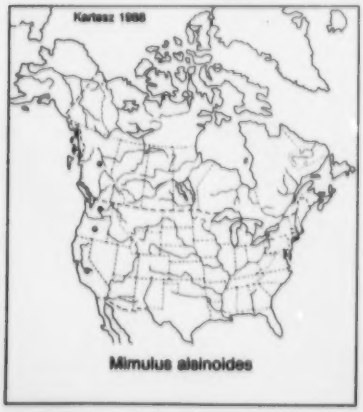
Mertensia virginica

Microseris bigelovii



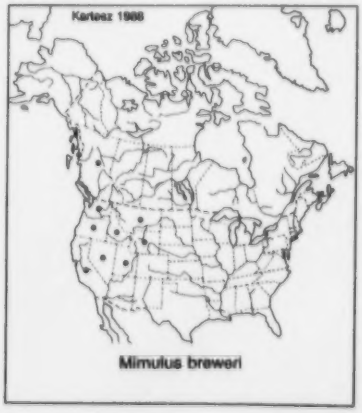
Microseris lindleyi

Mimulus alatus

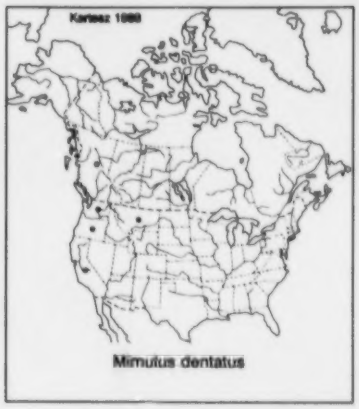


Mimulus alsinoides

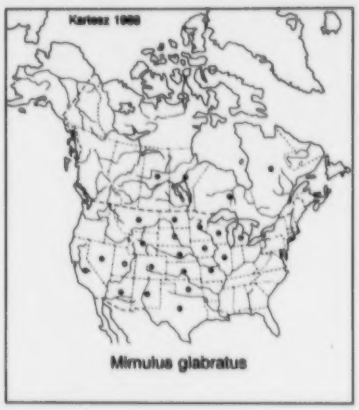
Mimulus breviflorus



Mimulus brewerl



Mimulus dentatus



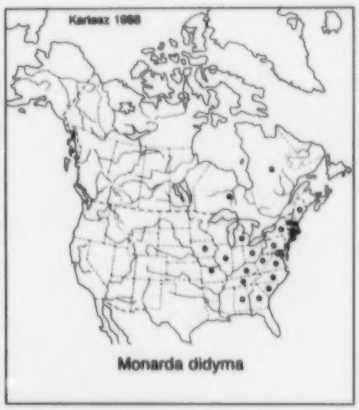
Mimulus glabratus

Minuartia marcescens

Minuartia nuttallii

Minuartia pusilla

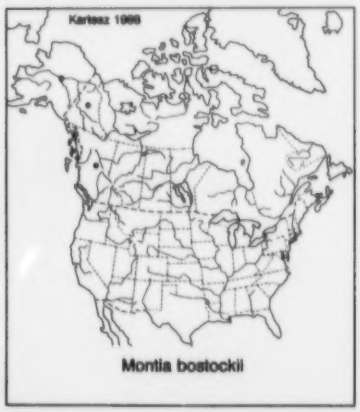
Mitella caulescens



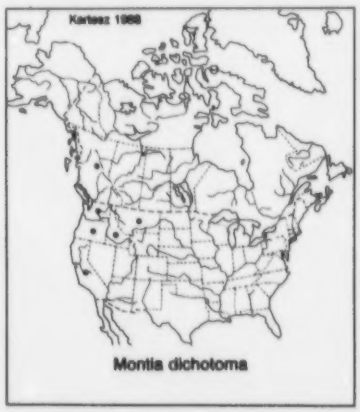
Monarda didyma

Monarda punctata
var. villicaulis

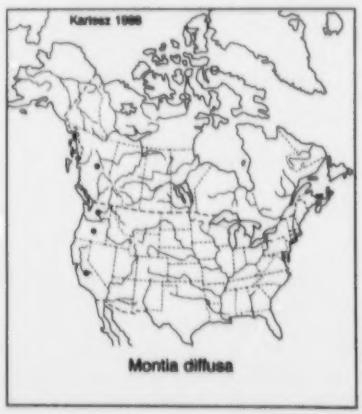
Monardella odoratissima
ssp. discolor



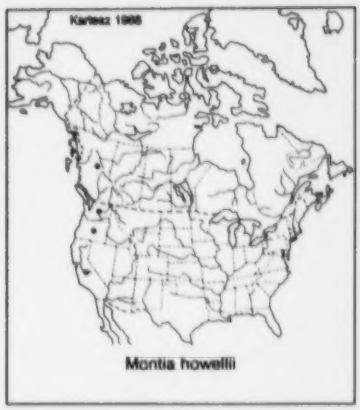
Montia bostockii



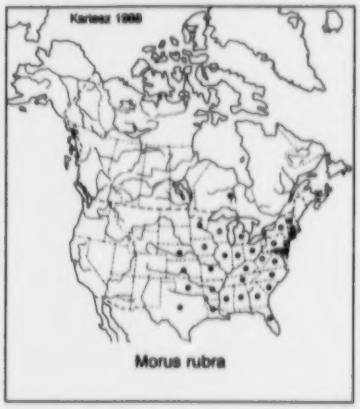
Montia dichotoma



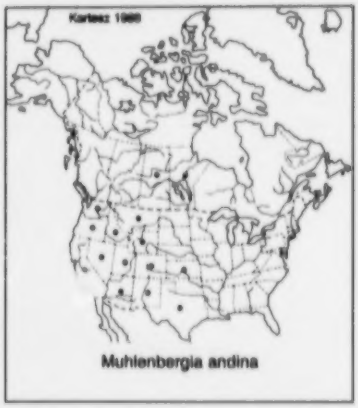
Montia diffusa



Montia howellii



Morus rubra

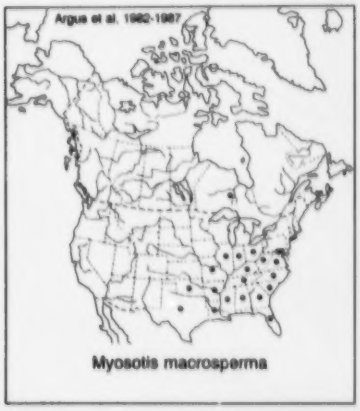


Muhlenbergia andina

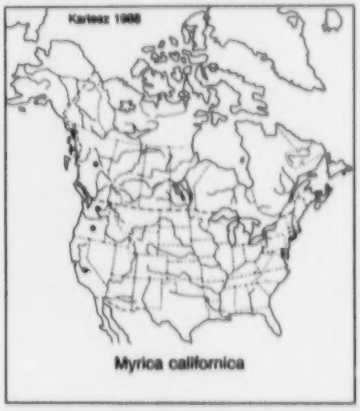
Muhlenbergia sylvatica
var. sylvatica

Muhlenbergia tenuiflora
var. tenuiflora

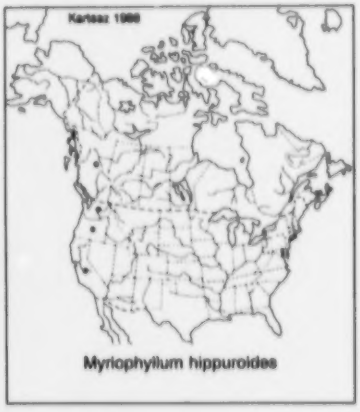
Munroa squarrosa



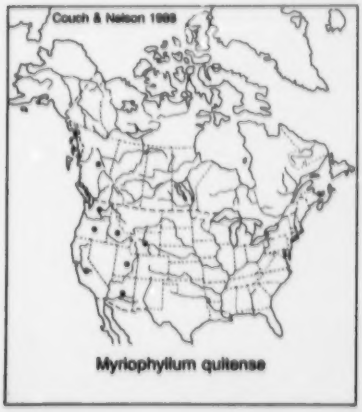
Myosotis macrosperma



Myrica californica



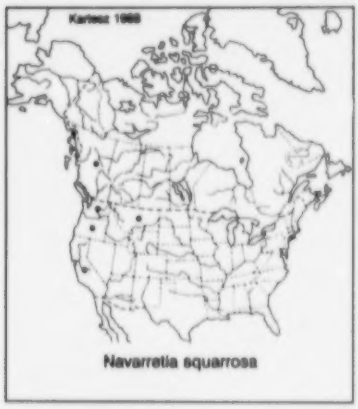
Myriophyllum hippuroides



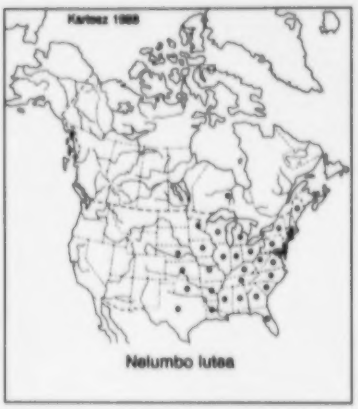
Myriophyllum quitense

Myriophyllum ussuriense

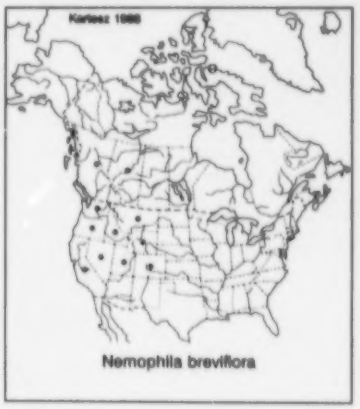
Najas gracillima



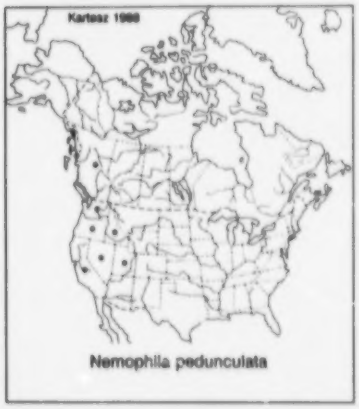
Navarretia squarrosa



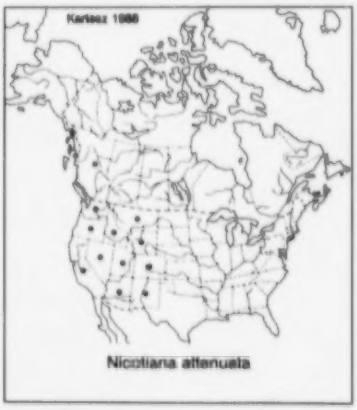
Nelumbo lutea



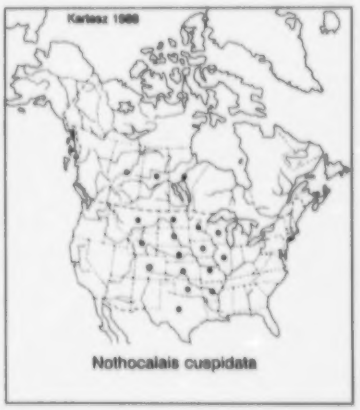
Nemophila breviflora



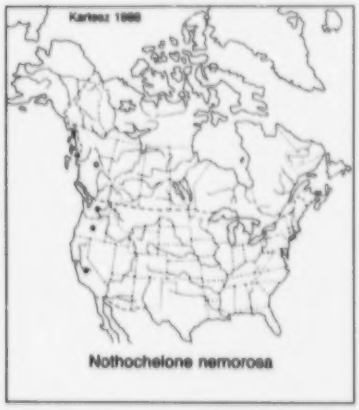
Nemophila pedunculata



Nicotiana attenuata

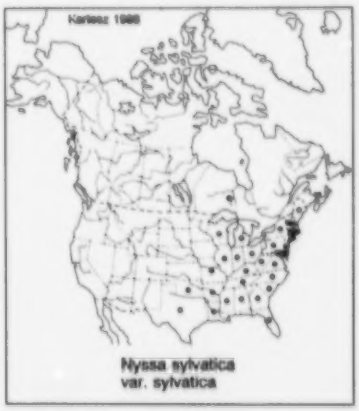


Nothocalais cuspidata



Nothochelone nemorosa

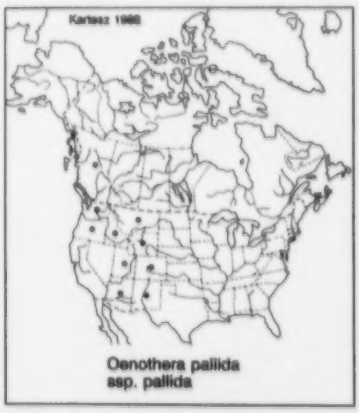
Nuphar advena



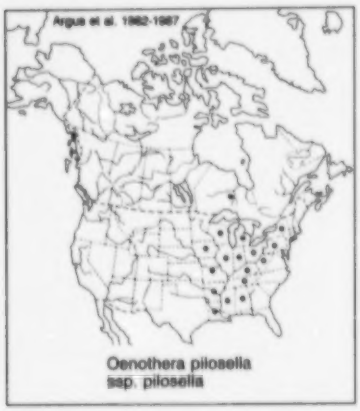
Nyssa sylvatica
var. sylvatica

Oenothera clelandii

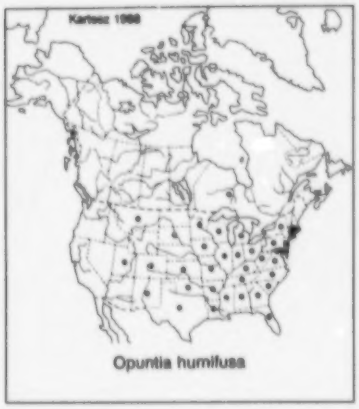
Oenothera fruticosa
ssp. glauca



Oenothera pallida
ssp. pallida



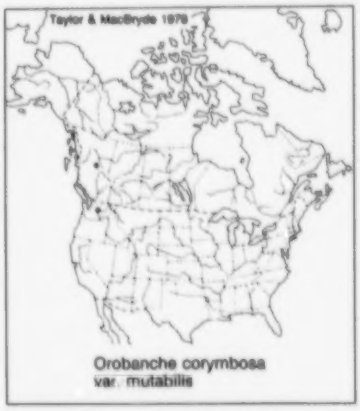
Oenothera pilosella
ssp. pilosella



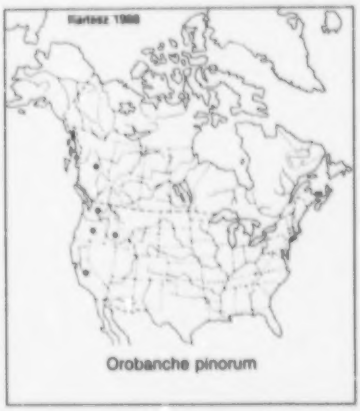
Opuntia humifusa

Oreopteris quelpaertensis

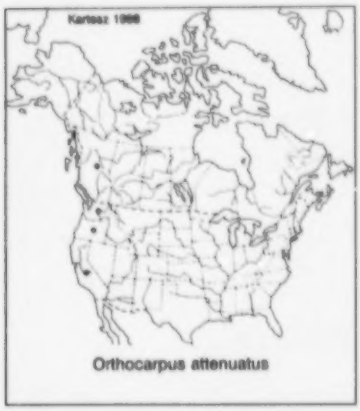
Orobanche californica
ssp. californica



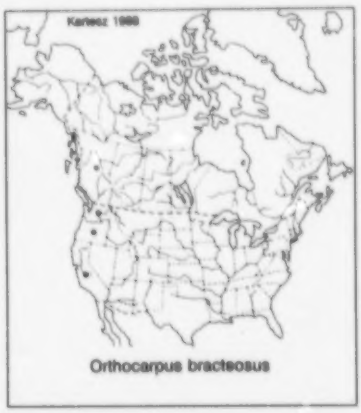
Orobanche corymbosa
var. mutabilis



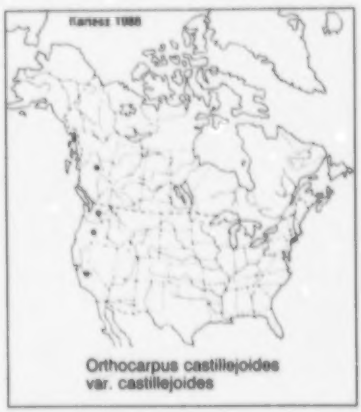
Orobanche pinorum



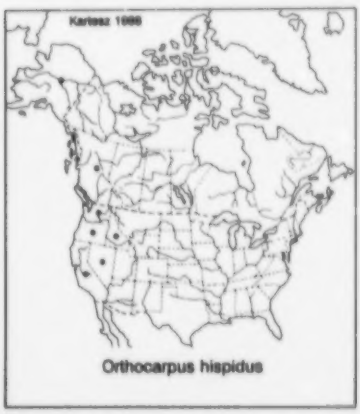
Orthocarpus attenuatus



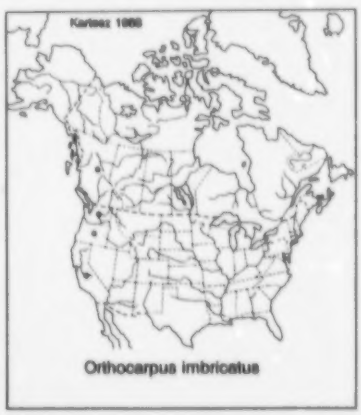
Orthocarpus bracteosus



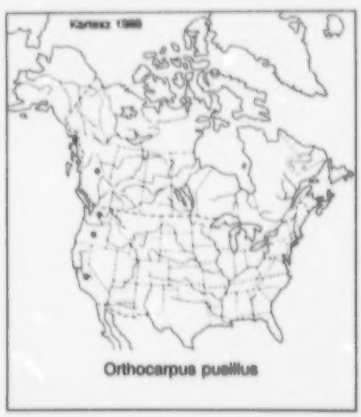
Orthocarpus castillejoides
var. castillejoides



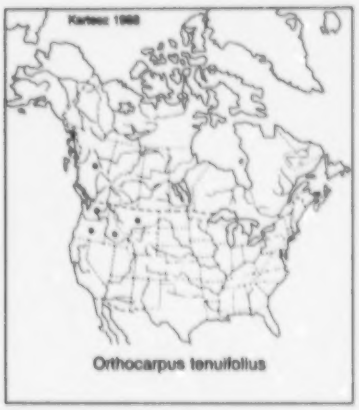
Orthocarpus hispidus



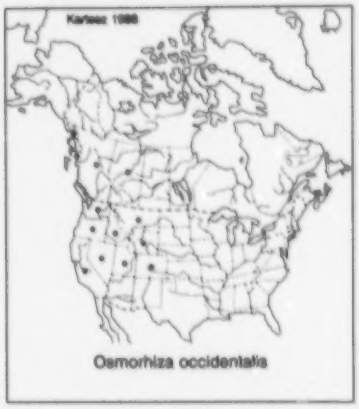
Orthocarpus imbricatus



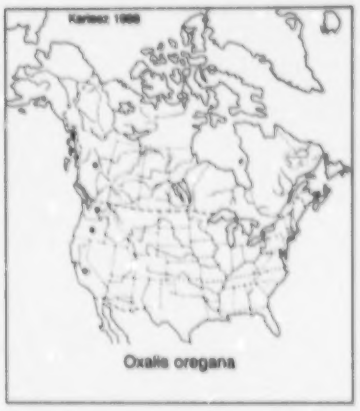
Orthocarpus pusillus



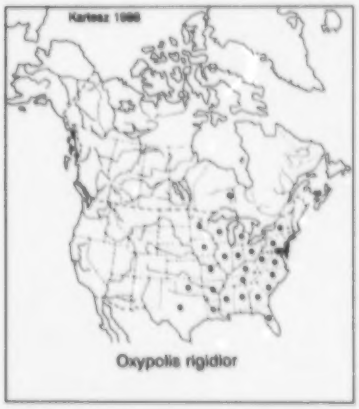
Orthocarpus tenuifolius



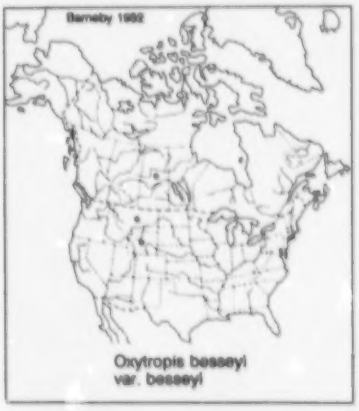
Osmorhiza occidentalis



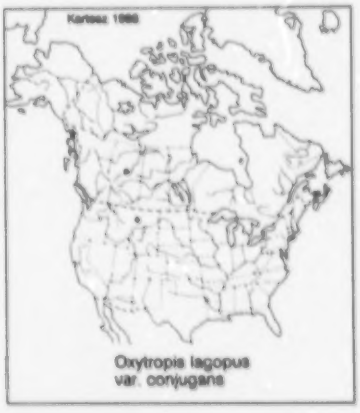
Oxalis oregana



Oxypolis rigidior



Oxytropis besseyi
var. besseyi

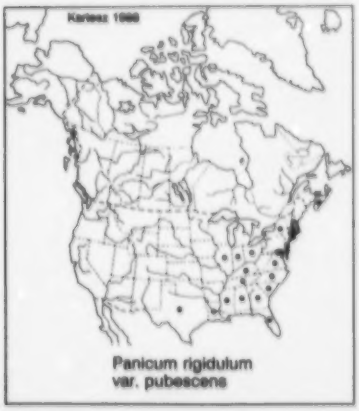


Oxytropis lagopus
var. conjugans

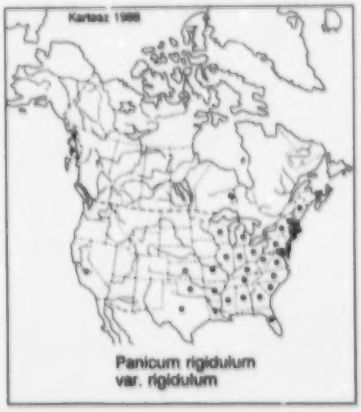
Oxytropis nigrescens
var. lonchopoda

Panax quinquefolius

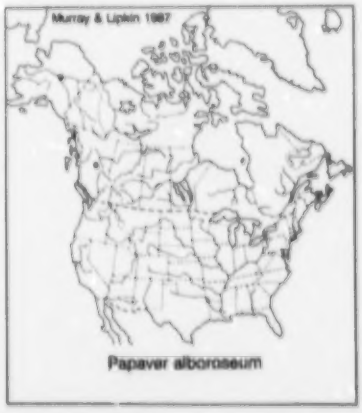
Panicum gattingeri



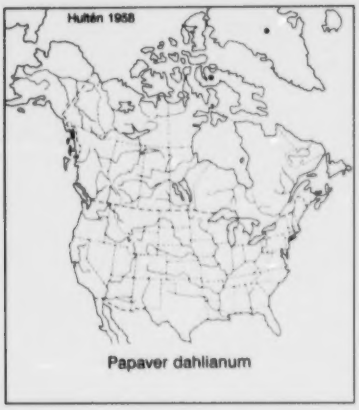
Panicum rigidulum
var. pubescens



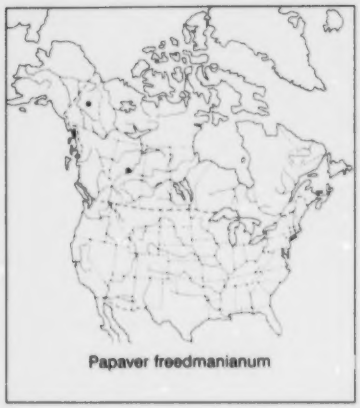
Panicum rigidulum
var. rigidulum



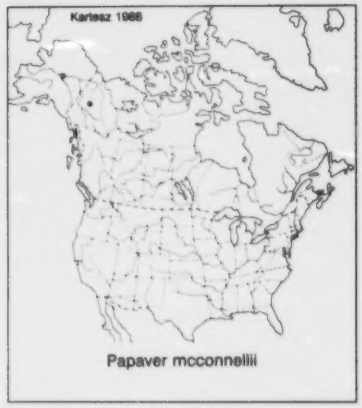
Papaver alboroseum



Papaver dahlianum

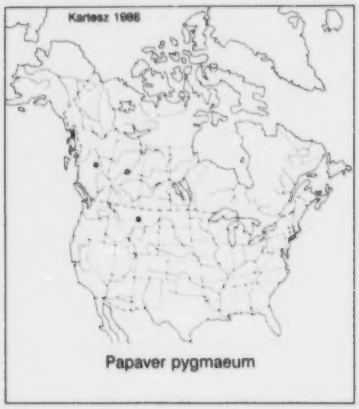


Papaver freedmanianum

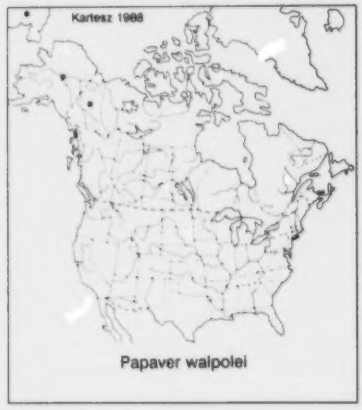


Papaver mcconnellii

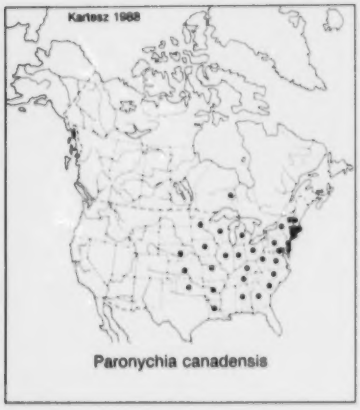
Papaver nudicaule
ssp. americanum



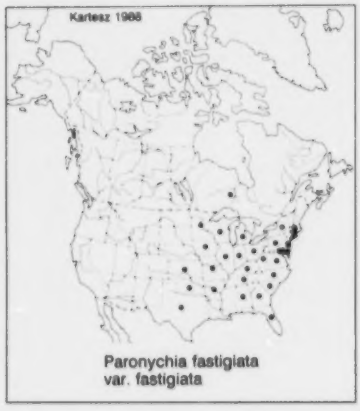
Papaver pygmaeum



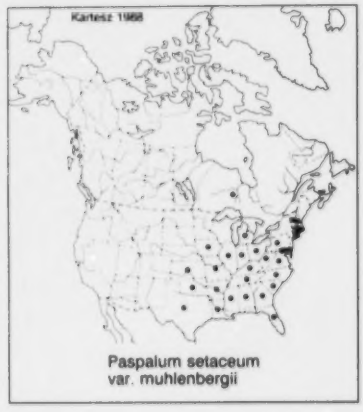
Papaver walpolei



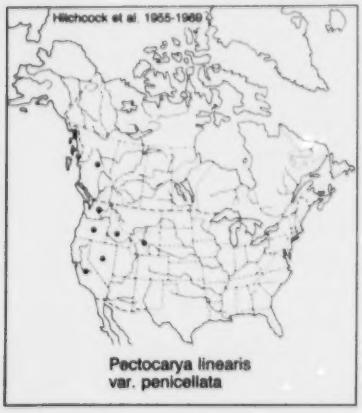
Paronychia canadensis



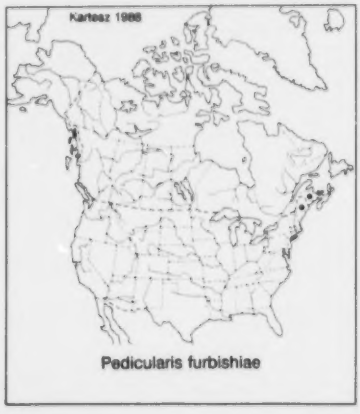
Paronychia fastigiata
var. fastigiata



Paspalum setaceum
var. muhlenbergii



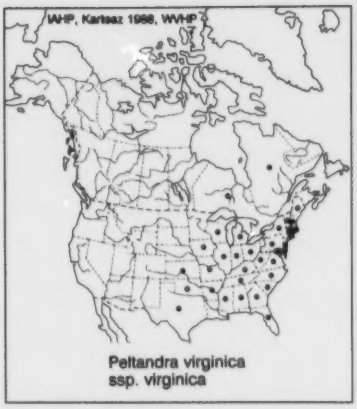
Pectocarya linearis
var. penicellata



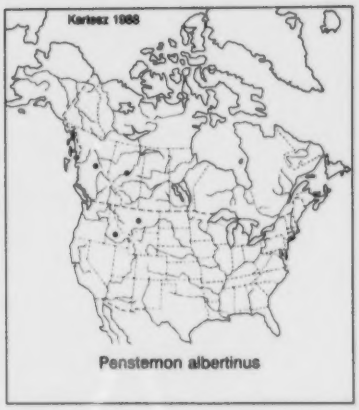
Pedicularis furbishiae

Pedicularis parviflora
ssp. parviflora

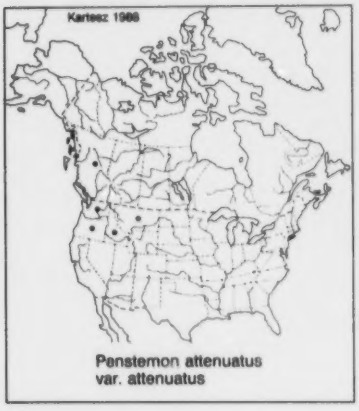
Pellaea atropurpurea



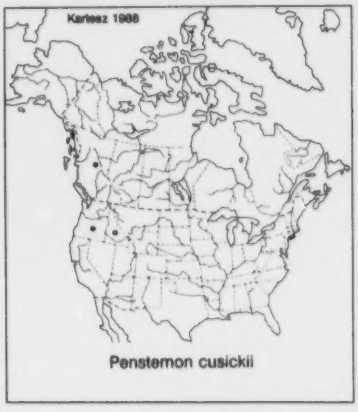
Peltandra virginica
ssp. virginica



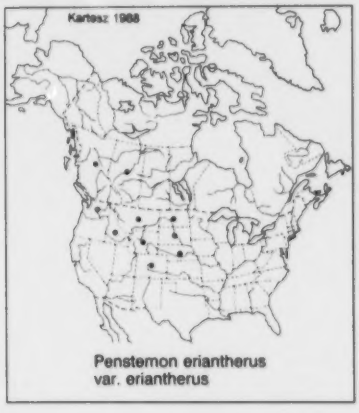
Penstemon albertinus



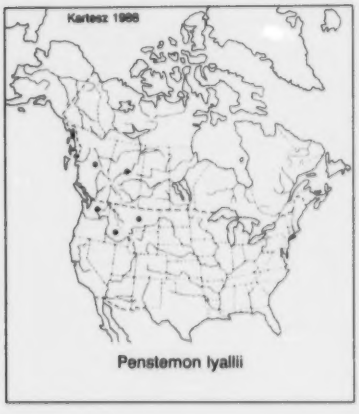
Penstemon attenuatus
var. attenuatus



Penstemon cusickii

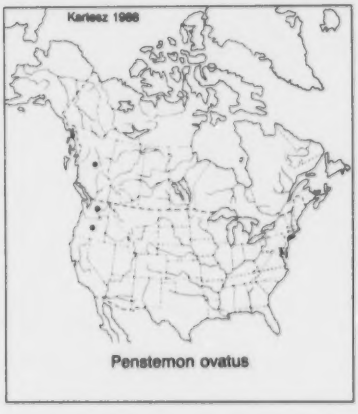


Penstemon eriantherus
var. eriantherus

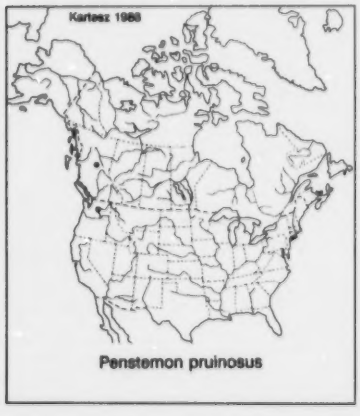


Penstemon lyallii

Penstemon montanus
var. montanus

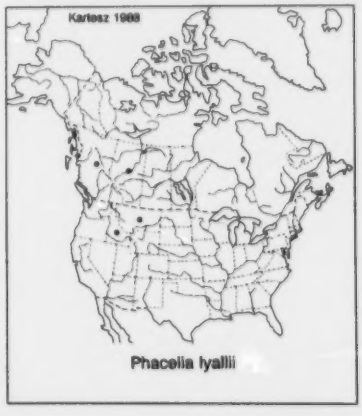


Penstemon ovatus

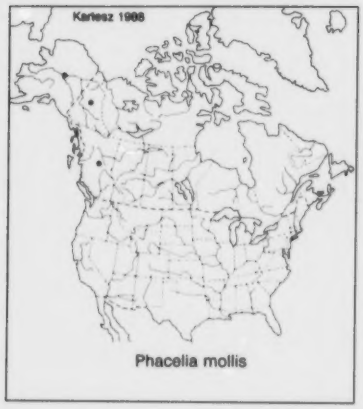


Penstemon pruinosus

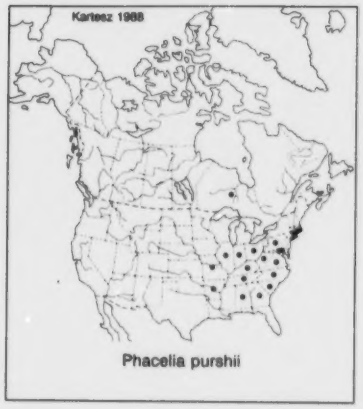
Penstemon richardsonii
var. richardsonii



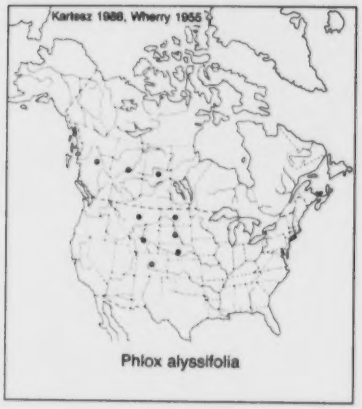
Phacelia lyallii



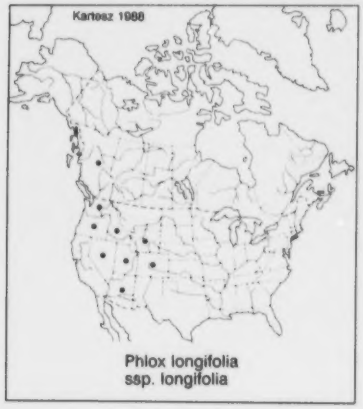
Phacelia mollis



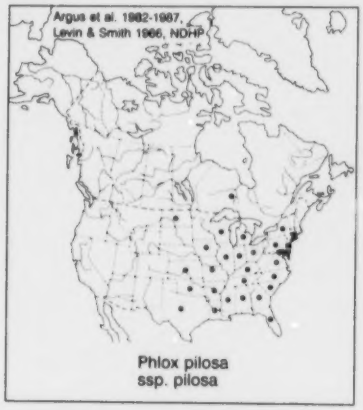
Phacelia purshii



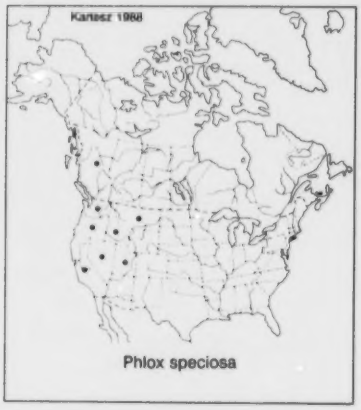
Phlox alyssifolia



Phlox longifolia
ssp. longifolia

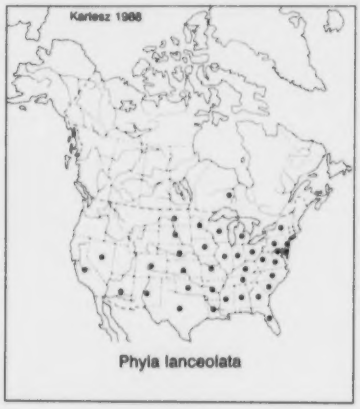


Phlox pilosa
ssp. pilosa

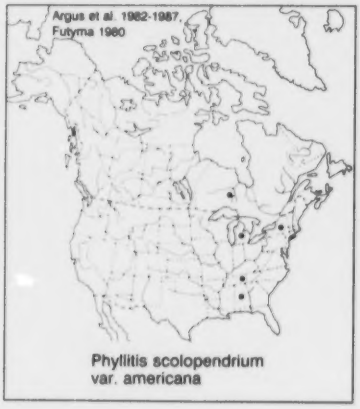


Phlox speciosa

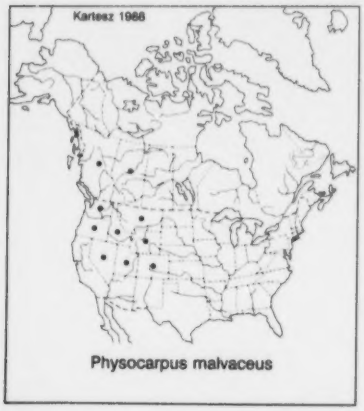
Phlox subulata
ssp. subulata



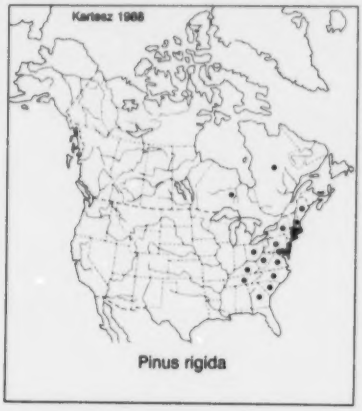
Phyla lanceolata



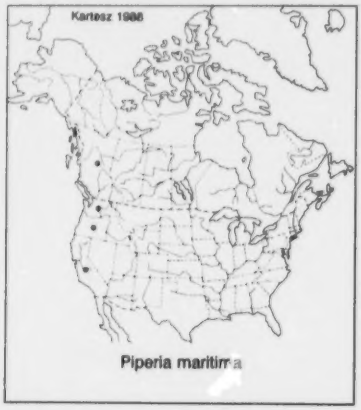
Phyllitis scolopendrium
var. americana



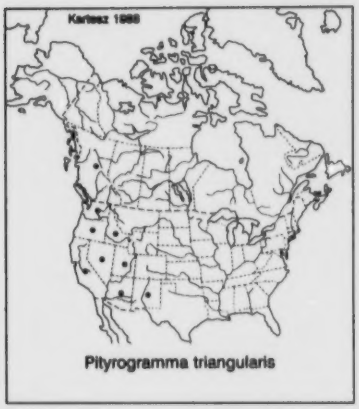
Physocarpus malvaceus



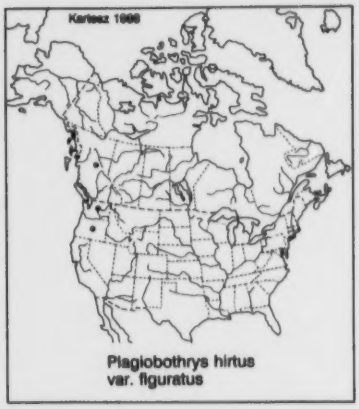
Pinus rigida



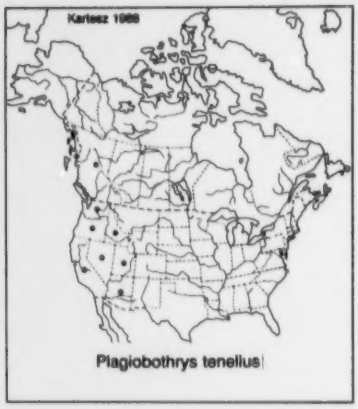
Piperia maritima



Pityrogramma triangularis

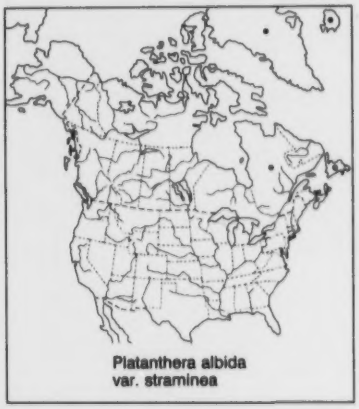


Plagiobothrys hirtus
var. figuratus



Plagiobothrys tenellus

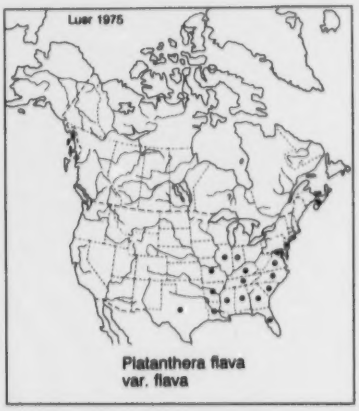
Plantago cordata



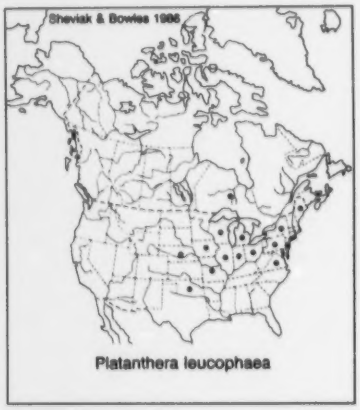
Platanthera albida
var. straminea

Platanthera chorisiana

Platanthera ciliaris

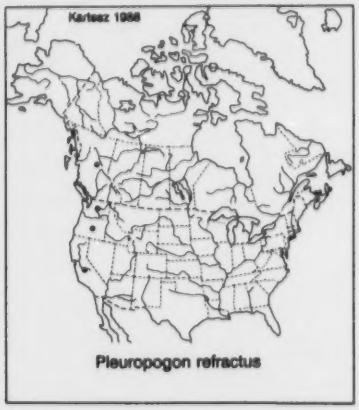


Platanthera flava
var. flava

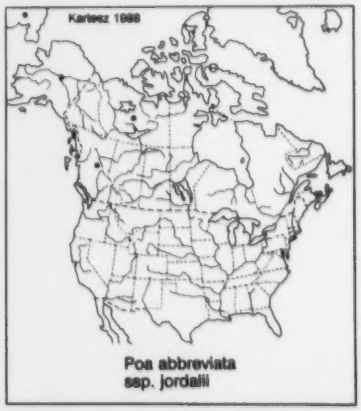


Platanthera leucophaea

Platanthera praeclara



Pleuropogon refractus

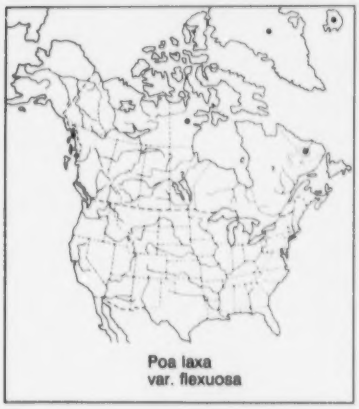


Poa abbreviata
ssp. jordalii

Poa bolanderi
var. howellii

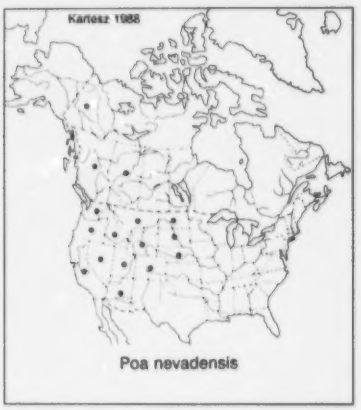
Poa fernaldiana

Poa kelloggii



Poa laxa
var. flexuosa

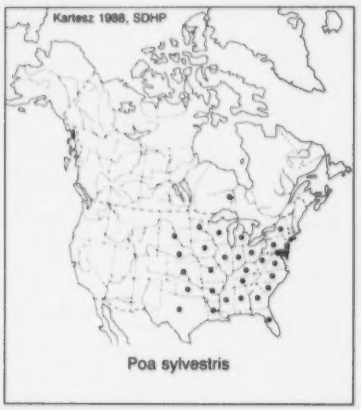
Poa nascopieana



Poa nevadensis

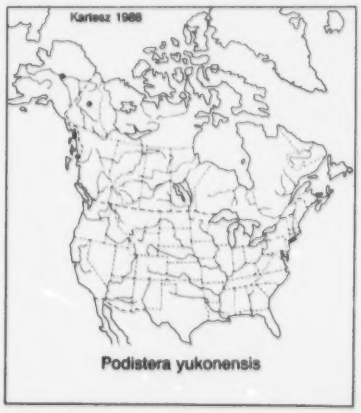
Poa porsildii

Poa suksdorfii

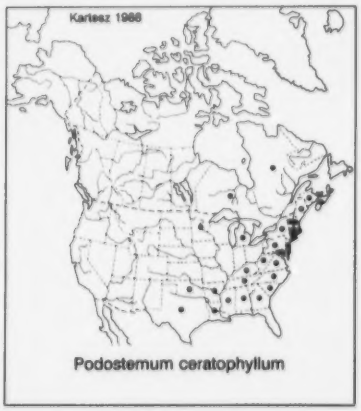


Poa sylvestris

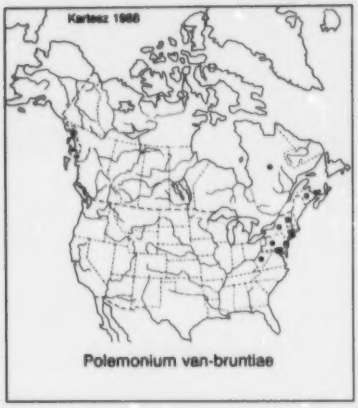
Podistera macounii



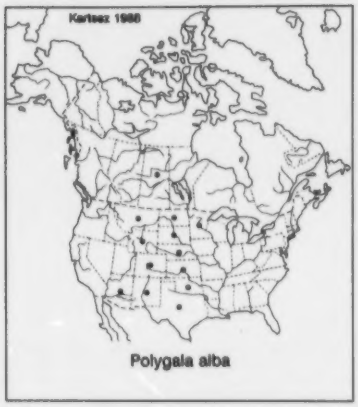
Podistera yukonensis



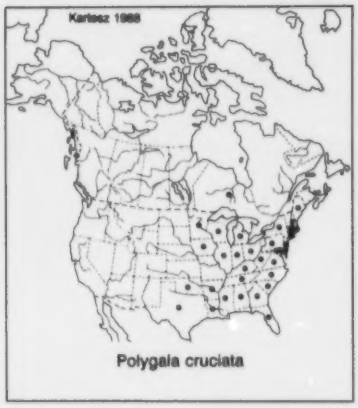
Podostemum ceratophyllum



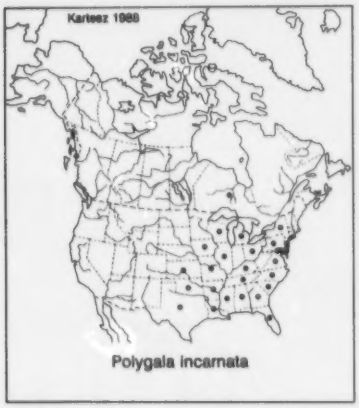
Polemonium van-bruntiae



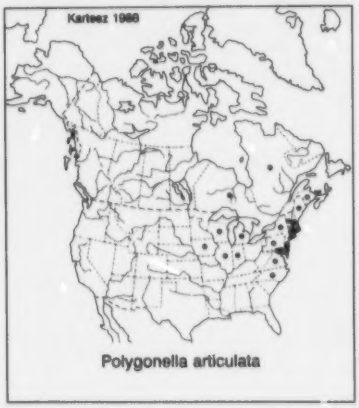
Polygala alba



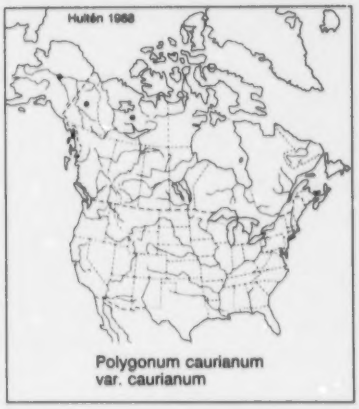
Polygala cruciata



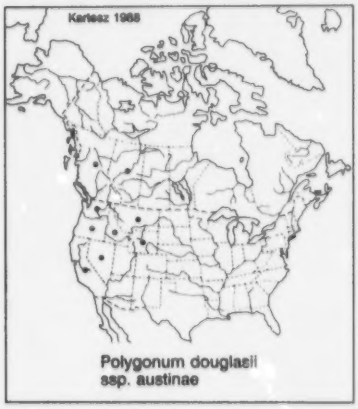
Polygala incarnata



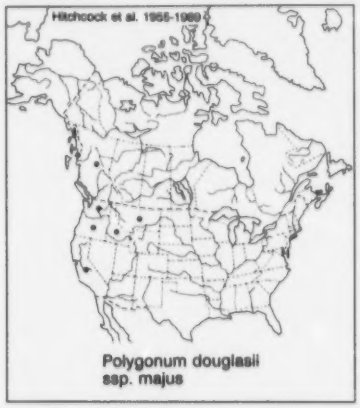
Polygonella articulata



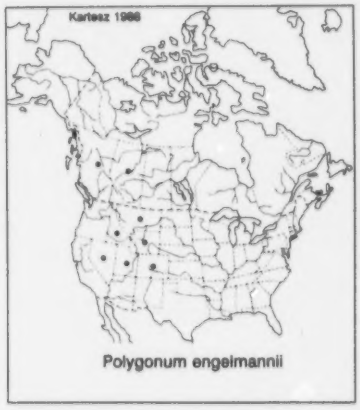
Polygonum caurianum
var. caurianum



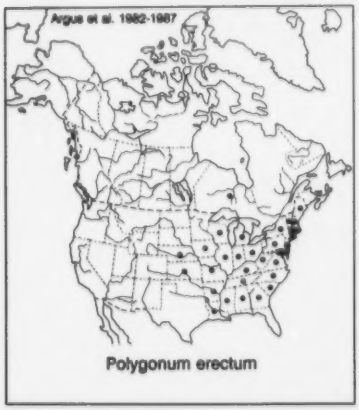
Polygonum douglasii
ssp. austinae



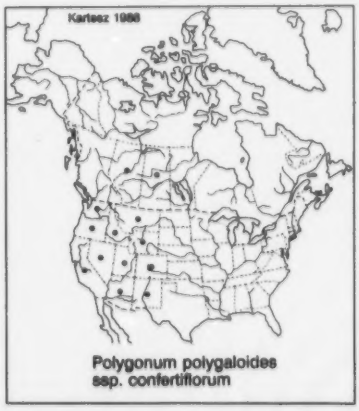
Polygonum douglasii
ssp. majus



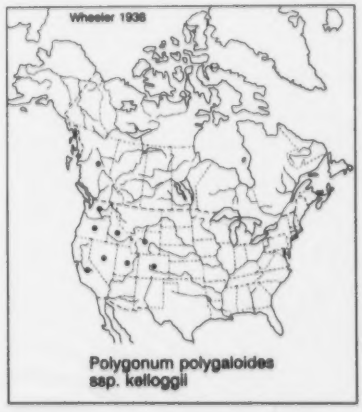
Polygonum engelmannii



Polygonum erectum

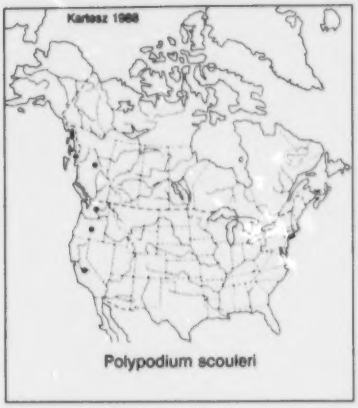


Polygonum polygaloides
ssp. confertiflorum

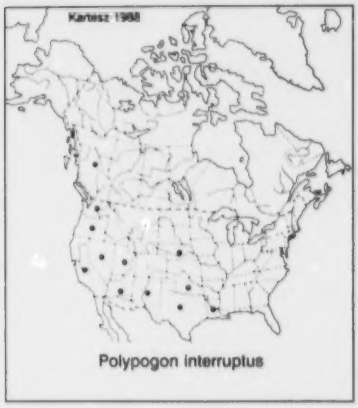


Polygonum polygaloides
ssp. kelloggii

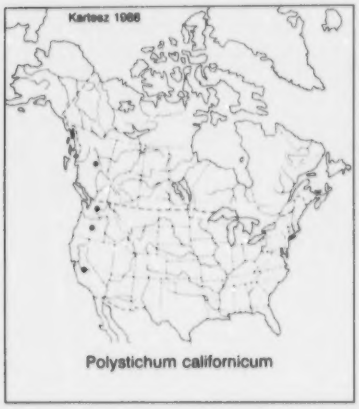
Polygonum tenue



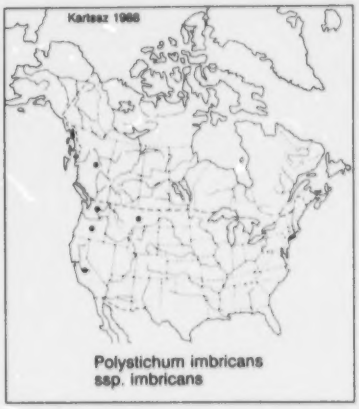
Polypodium scouleri



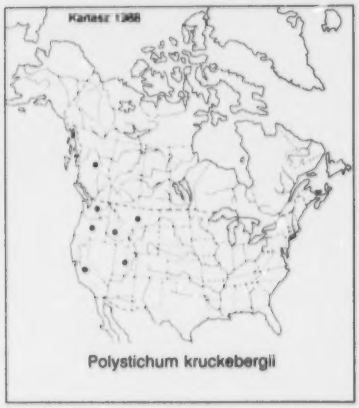
Polypogon interruptus



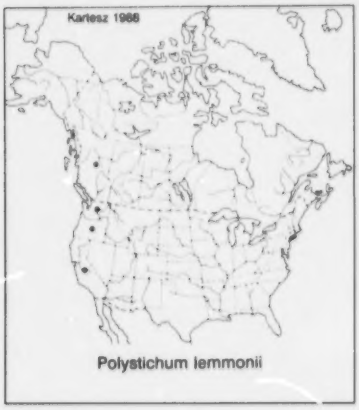
Polystichum californicum



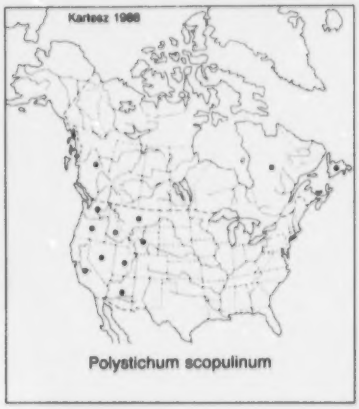
Polystichum imbricans
ssp. imbricans



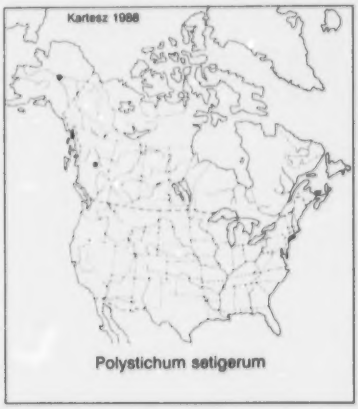
Polystichum kruckebergii



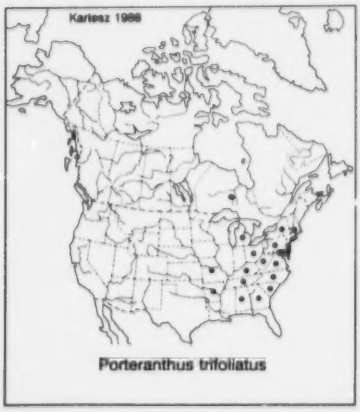
Polystichum lemmonii



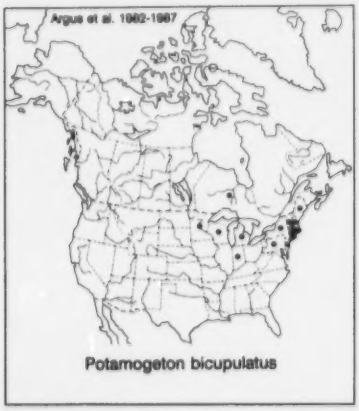
Polystichum scopulinum



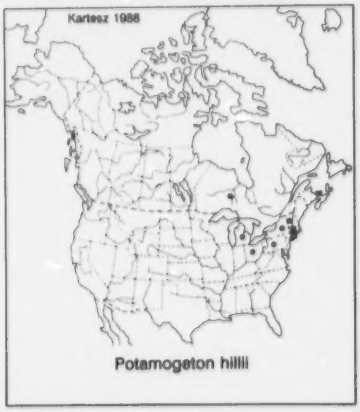
Polystichum setigerum



Porteranthus trifoliatus

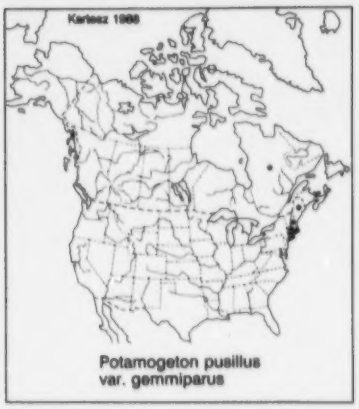


Potamogeton bicupulatus

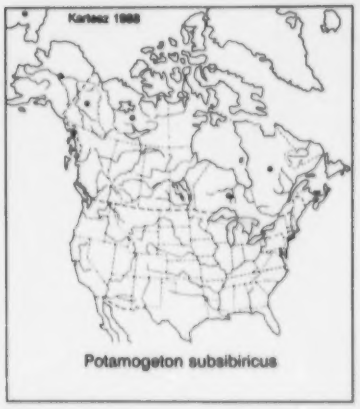


Potamogeton hillii

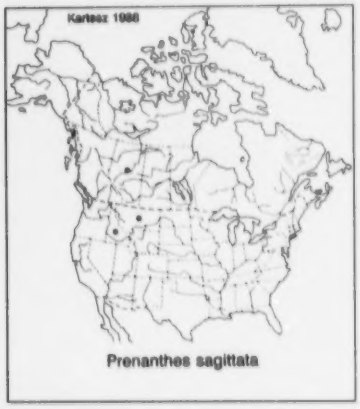
Potamogeton pulcher



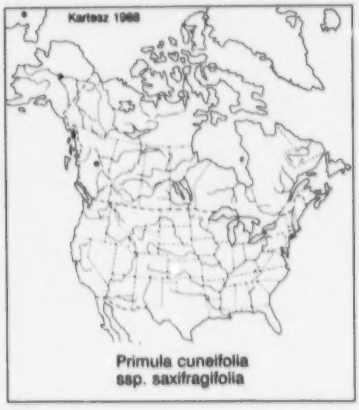
Potamogeton pusillus
var. gemmiparus



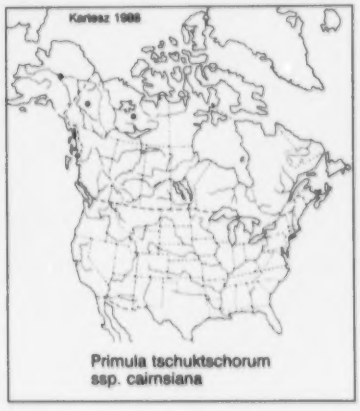
Potamogeton subsibiricus



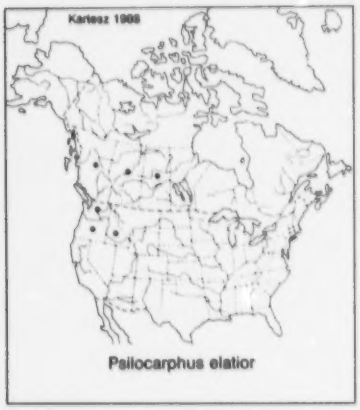
Prenanthes sagittata



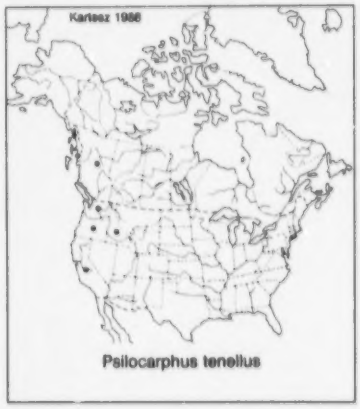
Primula cuneifolia
ssp. saxifragifolia



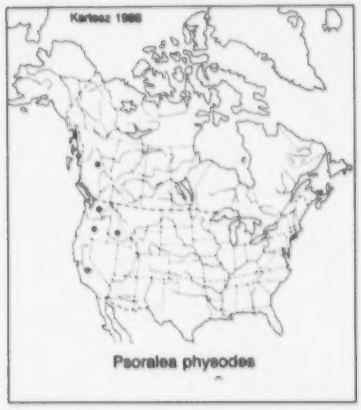
Primula tschuktschorum
ssp. cairnsiana



Psilocarphus elatior

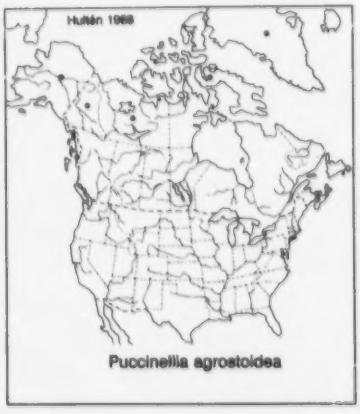


Psilocarphus tenellus

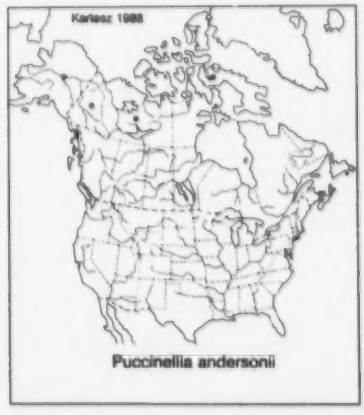


Psoralea physodes

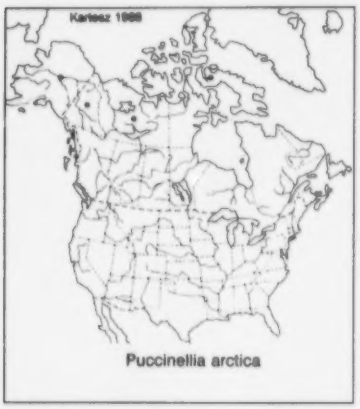
Ptelea trifoliata
ssp. trifoliata



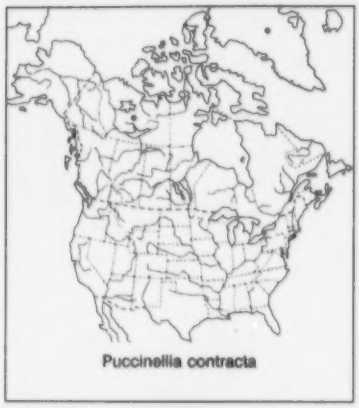
Puccinellia agrostoidea

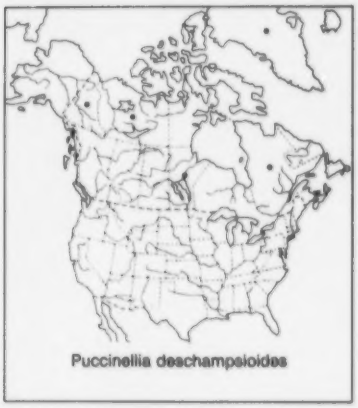


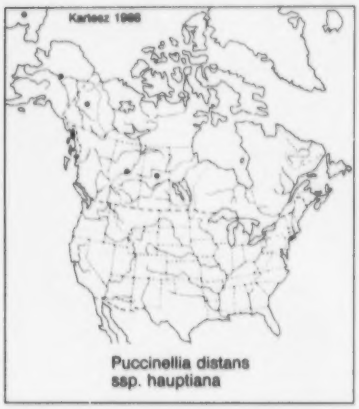
Puccinellia andersonii



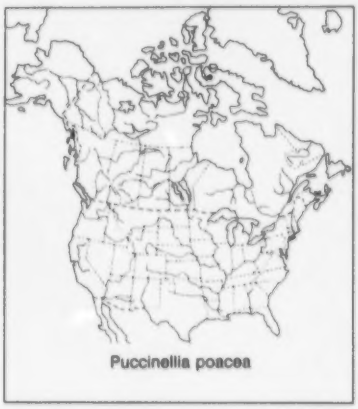
Puccinellia arctica

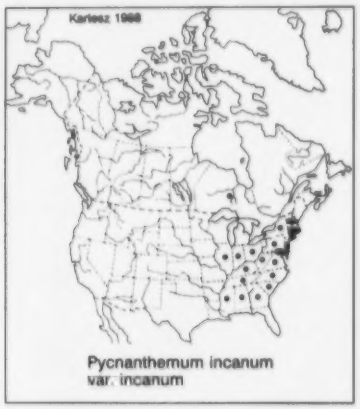

Puccinellia contracta


Puccinellia deschampsioides

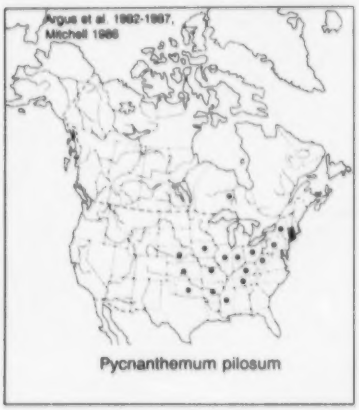


Puccinellia distans
ssp. hauptiana


Puccinellia poacea



Pycnanthemum incanum
var. incanum



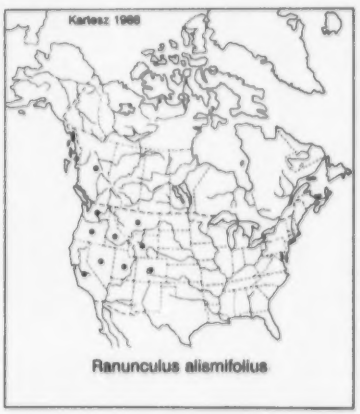
Pycnanthemum pilosum

Quercus ellipsoidalis

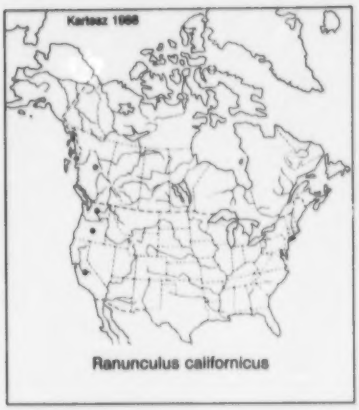
Quercus palustris

Quercus prinoides

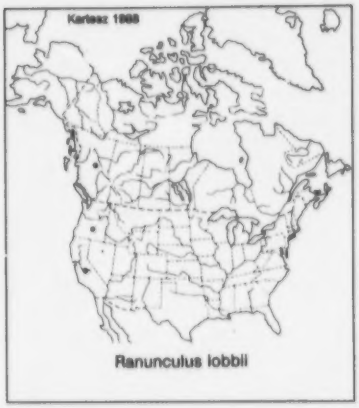
Quercus shumardii
var. shumardii



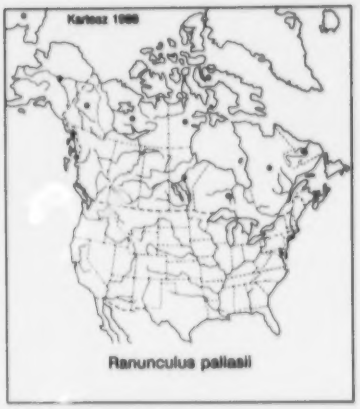
Ranunculus alismifolius



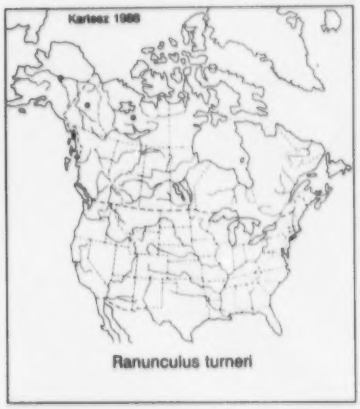
Ranunculus californicus



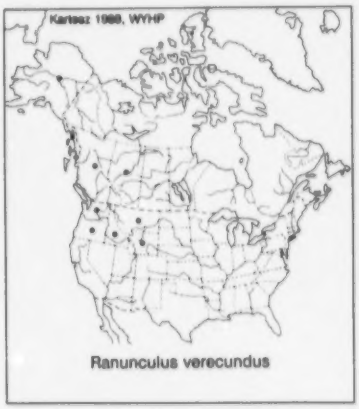
Ranunculus lobbii



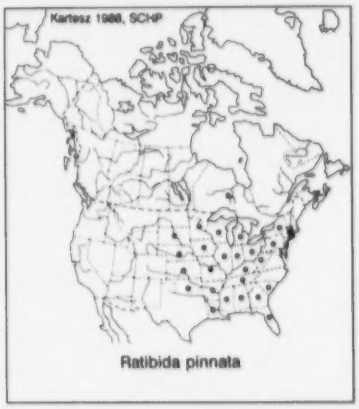
Ranunculus pallasii



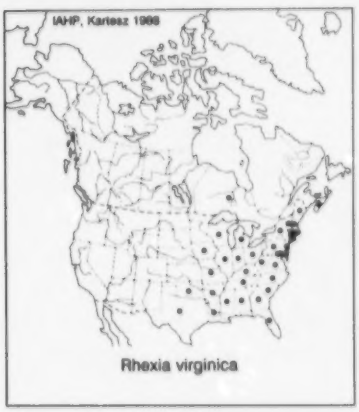
Ranunculus turneri



Ranunculus verecundus

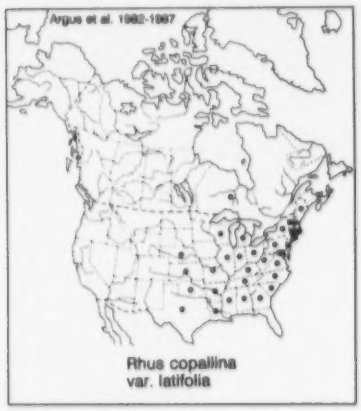


Ratibida pinnata

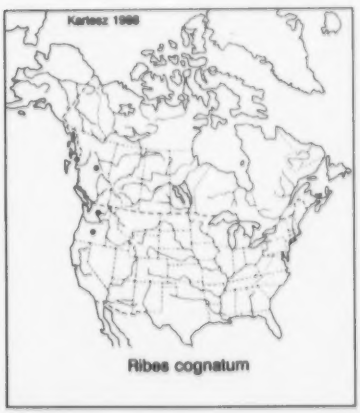


Rhexia virginica

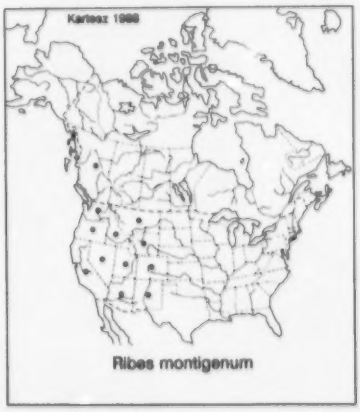
Rhododendron macrophyllum



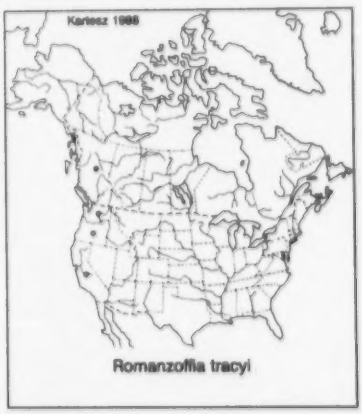
Rhus copallina
var. latifolia



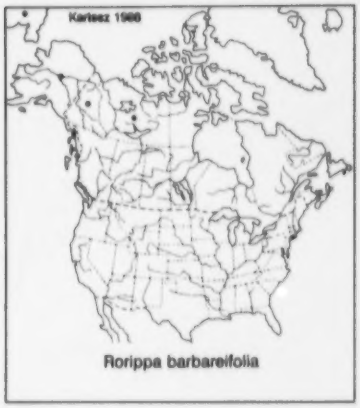
Ribes cognatum



Ribes montigenum

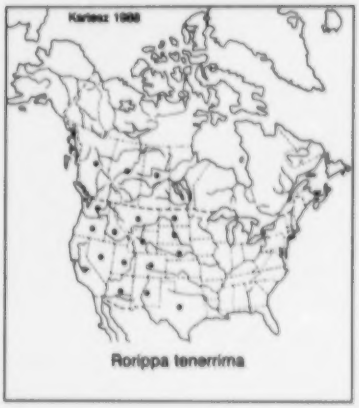


Romanzoffia tracyi

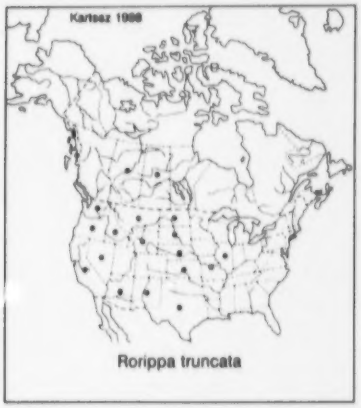


Rorippa barbareifolia

Rorippa crystallina

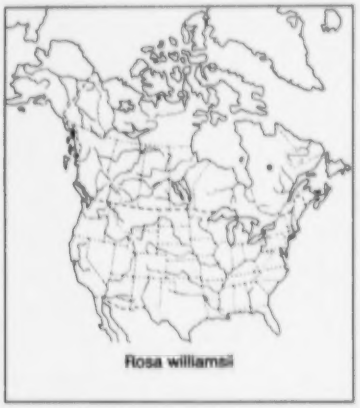


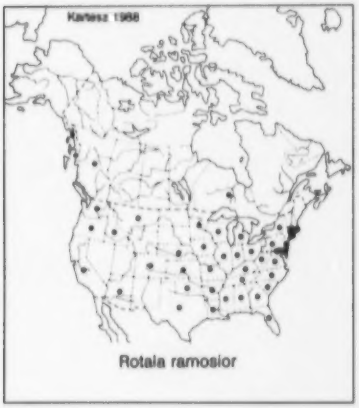
Rorippa tenerrima



Rorippa truncata

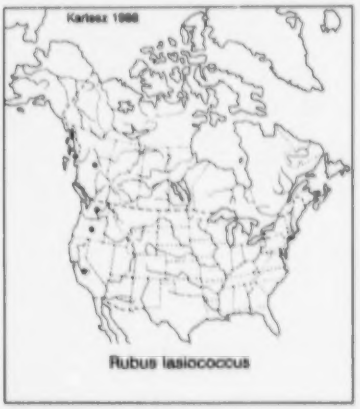
Rosa setigera


Rosa williamsii

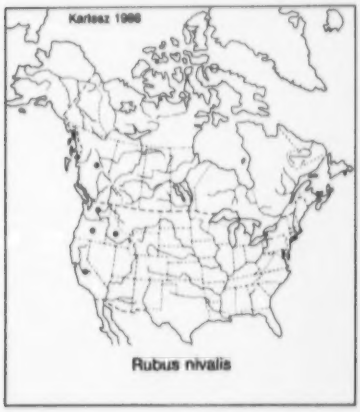


Rotala ramosior

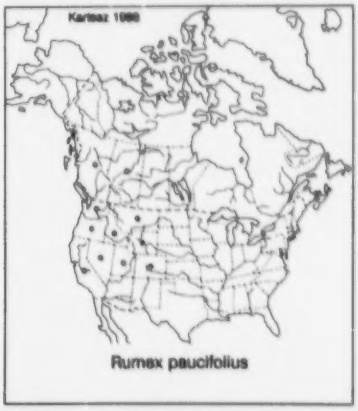
Rubus arcticus
ssp. stellatus



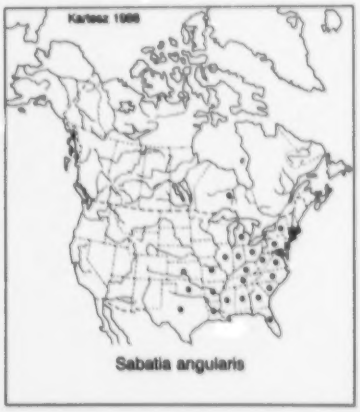
Rubus lasiococcus



Rubus nivalis

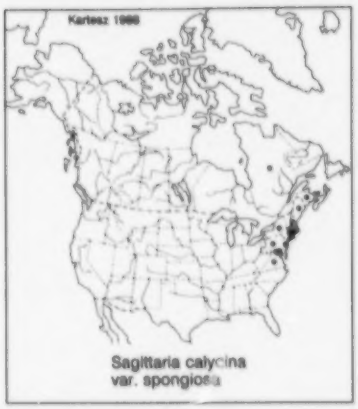


Rumex paucifolius



Sabatia angularis

Sabatia kennedyana



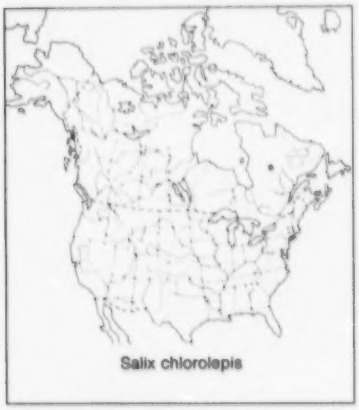
Sagittaria calycina
var. spongiosa

Sagittaria graminea
var. cristata

Salix brachycarpa
var. fullertonensis

Salix brachycarpa
var. psammophila

Salix chamissonis

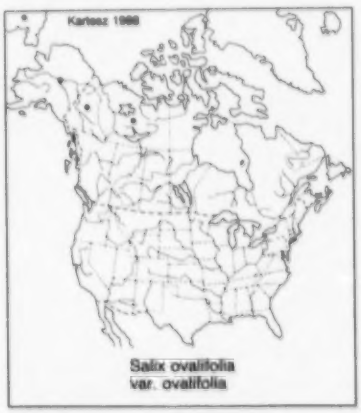


Salix chlorolepis

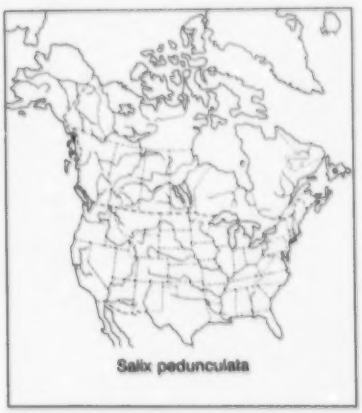
Salix geyeriana

Salix jejuna

Salix ovalifolia
var. arctolitoralis



Salix ovalifolia
var. ovalifolia



Salix pedunculata

Salix planifolia
ssp. tyrrellii

Salix raupii

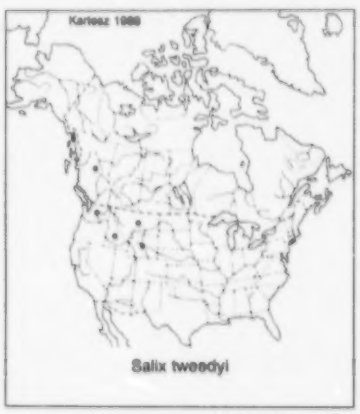
Salix reticulata
ssp. glabellicarpa

Salix sessilifolia

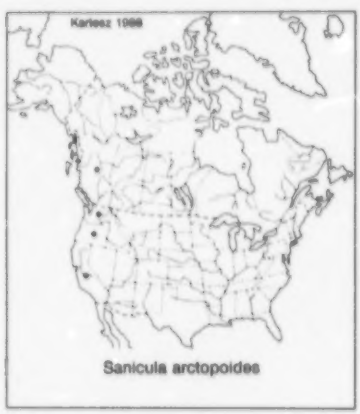
Salix setchelliana

Salix silicicola

Salix turnorii



Salix tweedyi



Sanicula arctopoides

Sanicula bipinnatifida

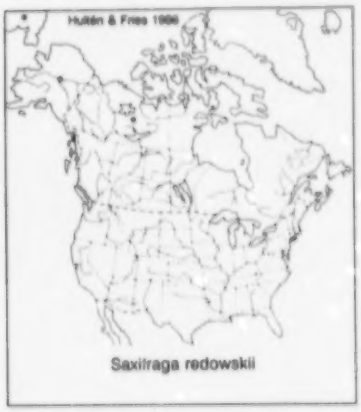
Sanicula canadensis
var. grandis

Saxifraga eschscholtzii

Saxifraga nivalis
var. gaspensis

Saxifraga oregana
var. montanensis

Saxifraga pensylvanica



Saxifraga redowskii

Saxifraga spicata

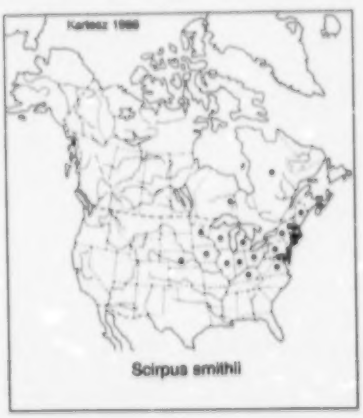
Saxifraga stellaris
ssp. stellaris

Saxifraga taylorii

Scirpus heterochaetus

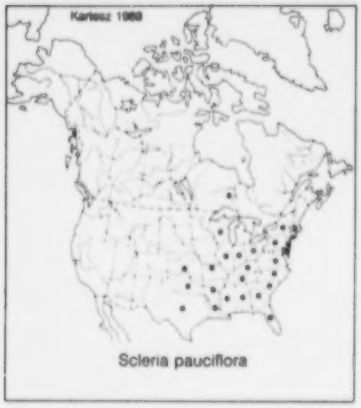
Scirpus longii

Scirpus pumilus
ssp. rollandii



Scirpus smithii

Scirpus verecundus



Scleria pauciflora

Scleria triglomerata

Scleria verticillata

Scrophularia californica

Scutellaria angustifolia

Scutellaria leonardii

Scutellaria nervosa

Sedum villosum

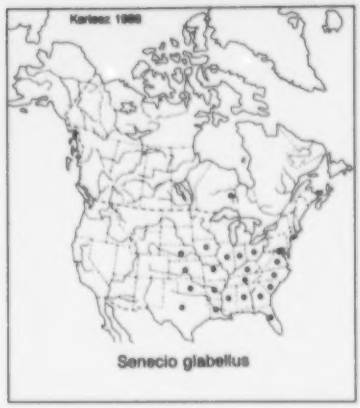
Selaginella oregana

Senecio conterminus

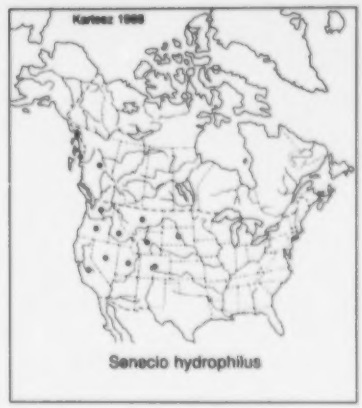
Senecio cymbalarioides

Senecio foetidus
var. foetidus

Senecio foetidus
var. hydrophiloides



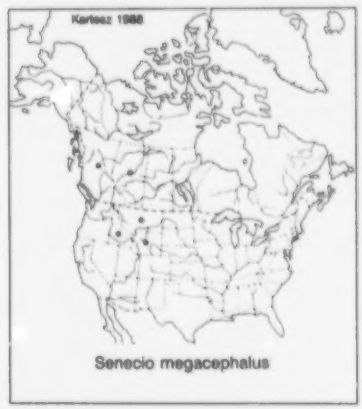
Senecio glabellus



Senecio hydrophilus

Senecio integerrimus
var. ochroleucus

Senecio macounii



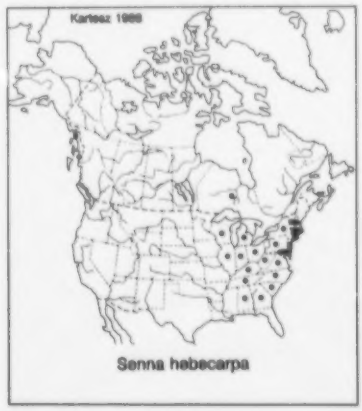
Senecio megacephalus

Senecio moresbiensis

Senecio newcombei

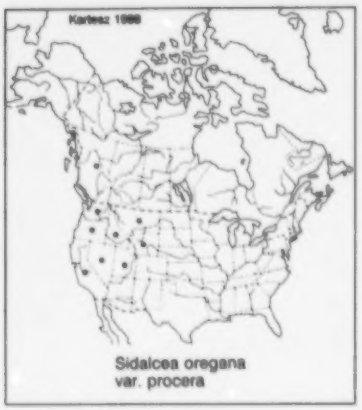
Senecio obovatus

Senecio serra



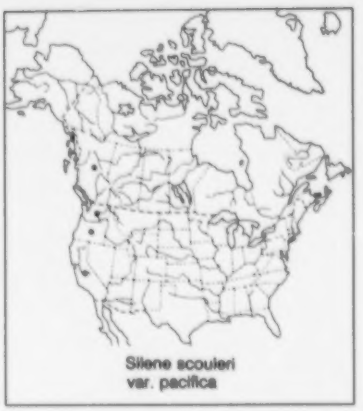
Senna hebecarpa

Sidalcea hendersonii

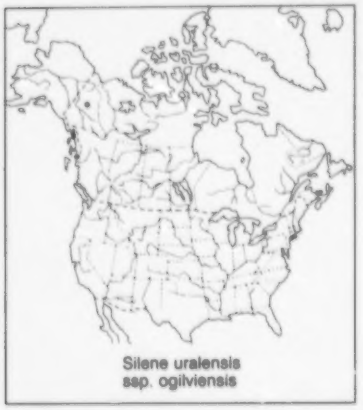


Sidalcea oregana
var. procera

Silene menziesii
ssp. williamsii

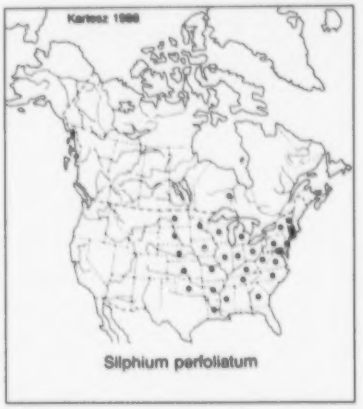


Silene scouleri
var. pacifica

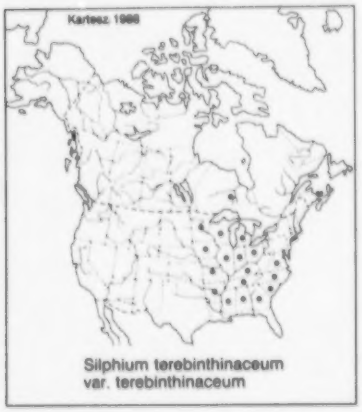


Silene uralensis
ssp. ogilviensis

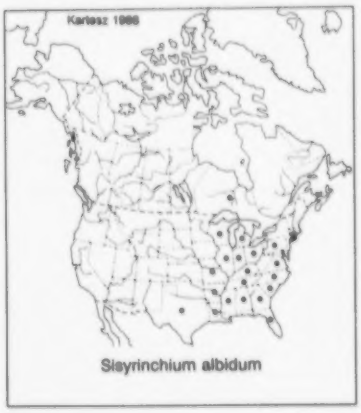
Silene virginica



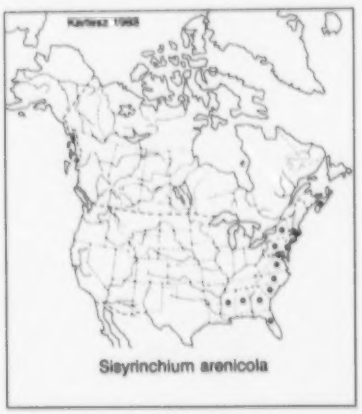
Silphium perfoliatum



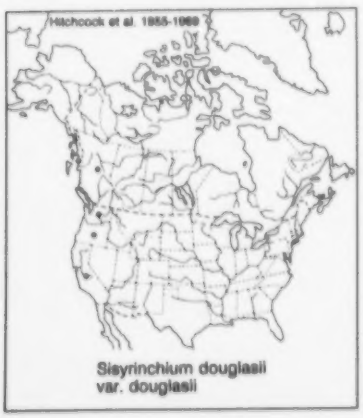
Silphium terebinthinaceum
var. terebinthinaceum



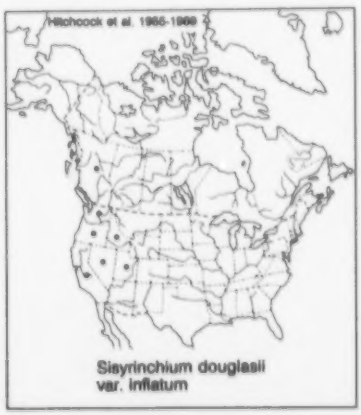
Sisyrinchium albidum



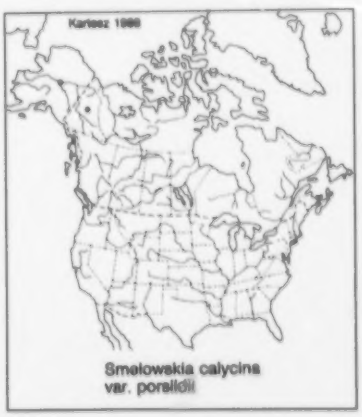
Sisyrinchium arenicola



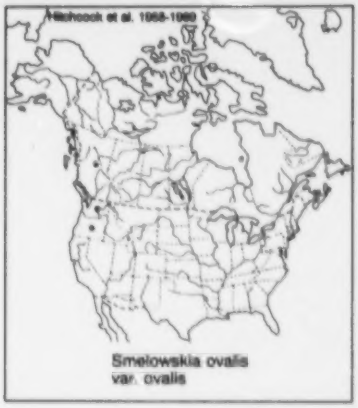
Sisyrinchium douglasii
var. douglasii



Sisyrinchium douglasii
var. inflatum



Smelowskia calycina
var. porsildii



Smelowskia ovalis
var. ovalis

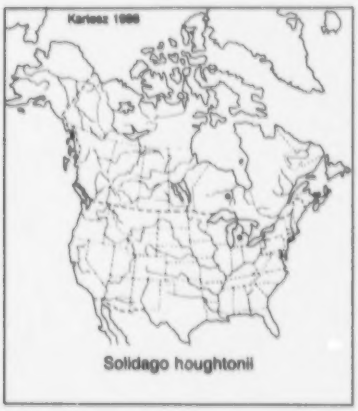
Solidago arguta
var. arguta

Solidago glutinosa
var. chlorolepis

Solidago glutinosa
var. ontarioensis

Solidago glutinosa
var. racemosa

Solidago glutinosa
var. randii

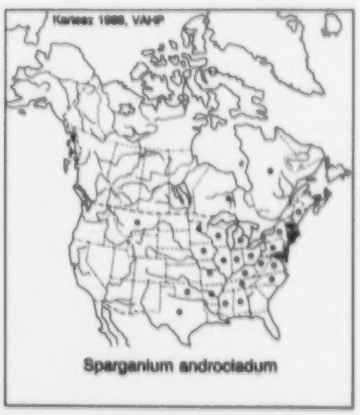


Solidago houghtonii

Solidago riddellii

Solidago speciosa
var. rigidiuscula

Solidago ulmifolia

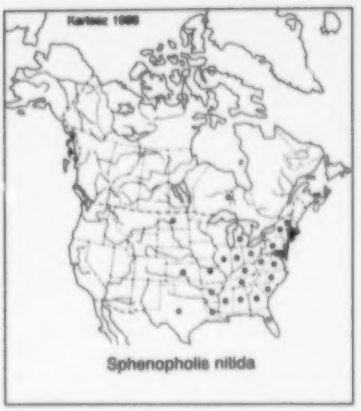


Sparganium androcladum

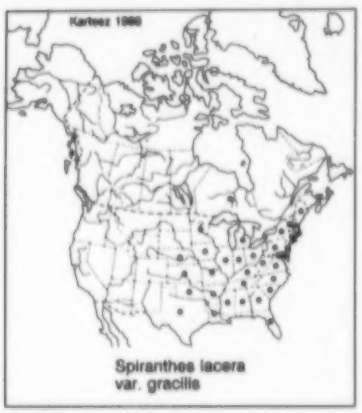
Sparganium glomeratum

Spergularia macrotheca

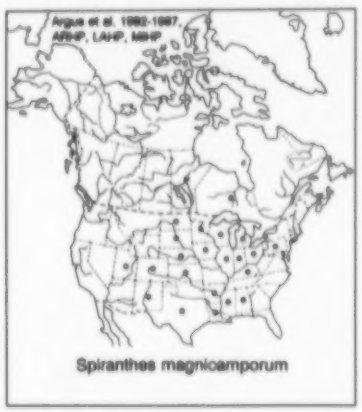
Sphaeralcea munroana



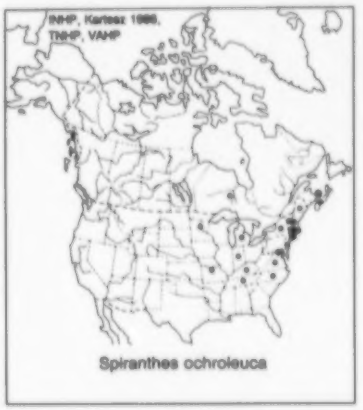
Sphenopholis nitida



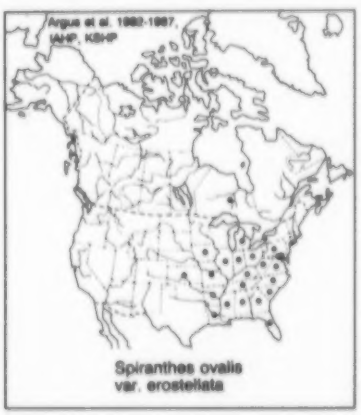
Spiranthes lacera
var. gracilis



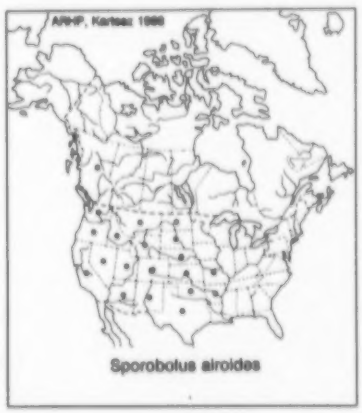
Spiranthes magnicamporum



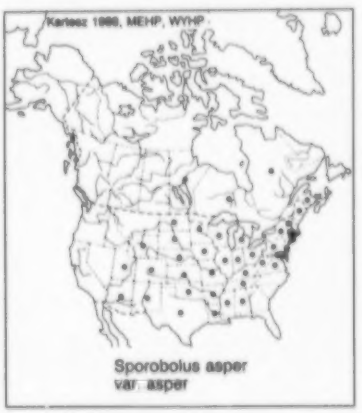
Spiranthes ochroleuca



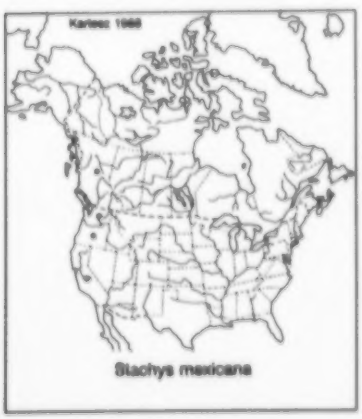
Spiranthes ovalis
var. erostellata



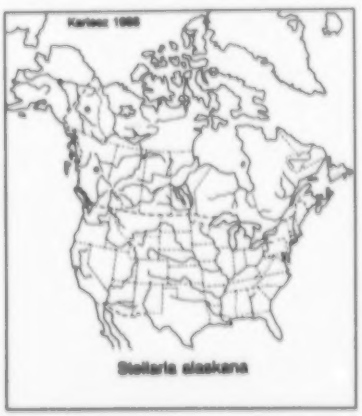
Sporobolus airoides



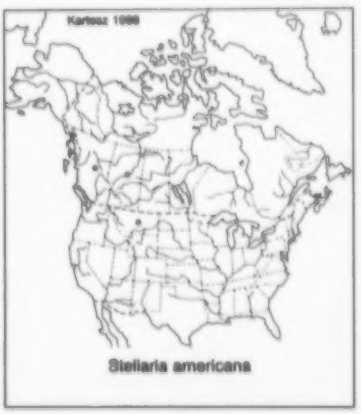
Sporobolus asper
var. asper



Stachys mexicana

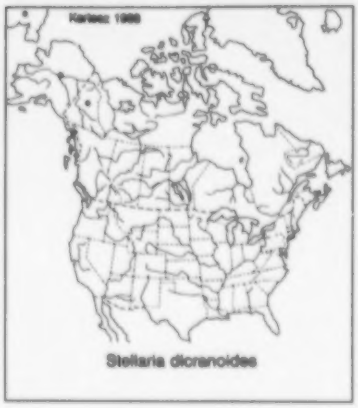


Stellaria alaskana



Stellaria americana

Stellaria arenicola

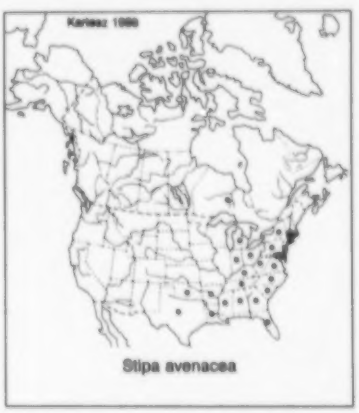


Stellaria dicranoides

Stellaria obtusa

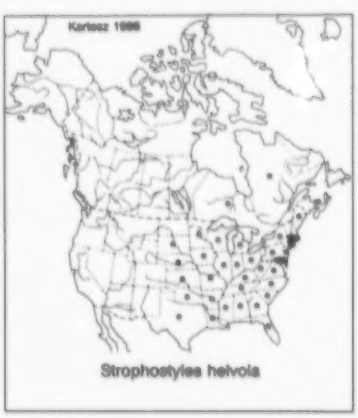
Stellaria umbellata

Stephanomeria runcinata

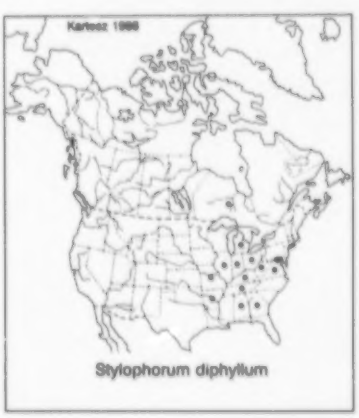


Stipa avenacea

Stipa lemmonii
var. lemmonii

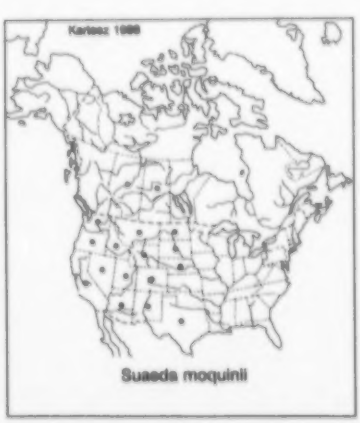


Strophostyles helvola

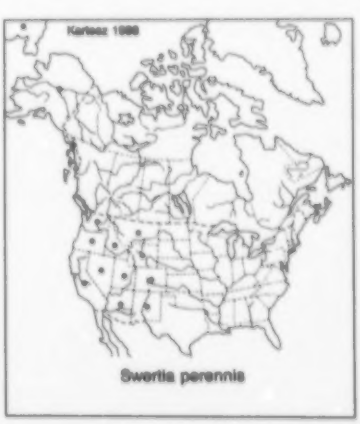


Stylophorum diphyllum

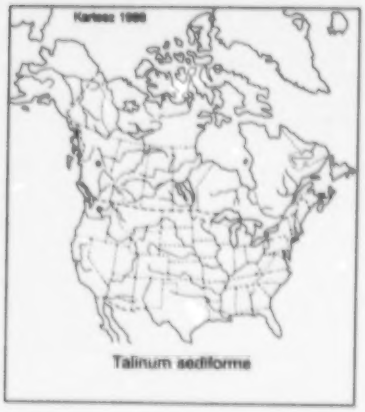
Suaeda maritima
ssp. richii



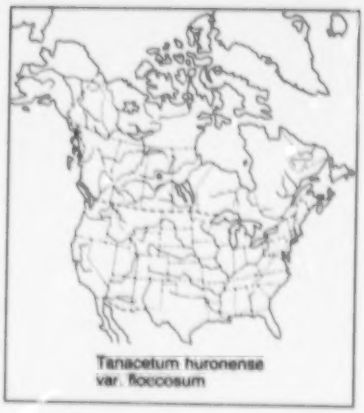
Suaeda moquinii

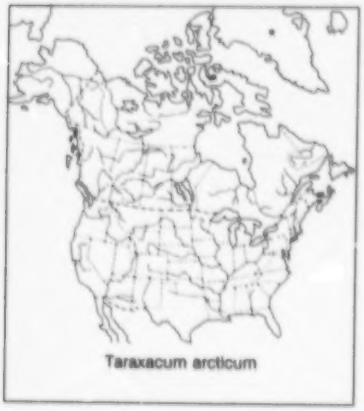


Swertia perennis


Talinum sediforme

Tanacetum bipinnatum


Tanacetum huronense
var. floccosum

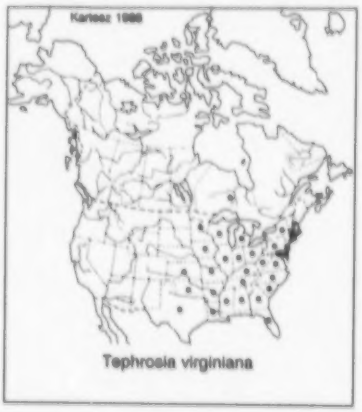

Taraxacum arcticum

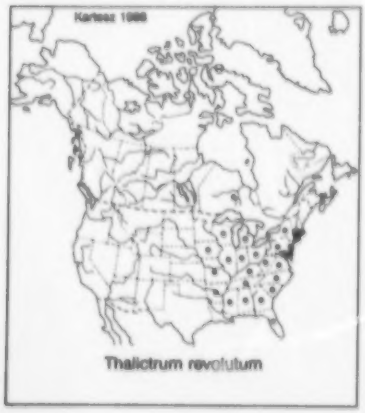
Taraxacum carneocoloratum

Taraxacum integratum

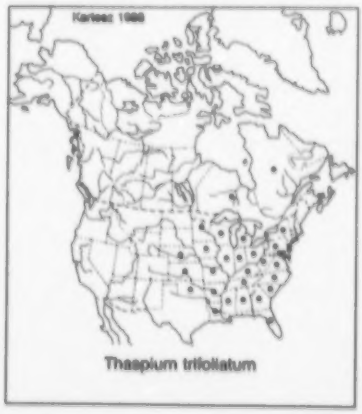
Taraxacum mackenziense

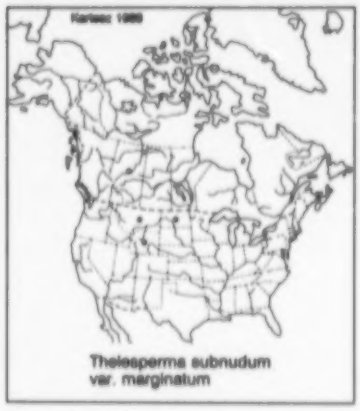
Taraxacum mauroleplum

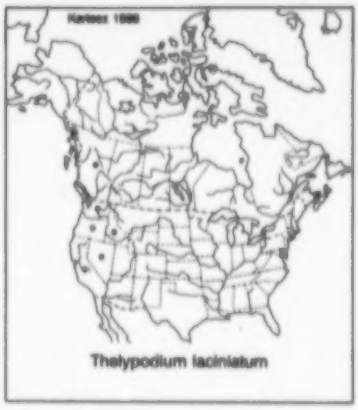

Tephrosia virginiana

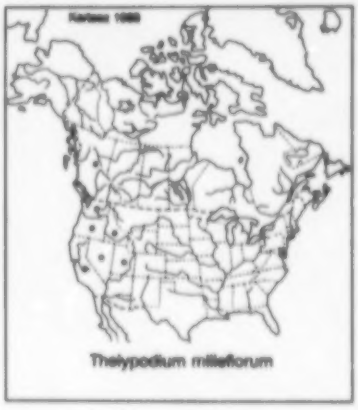

Thalictrum revolutum

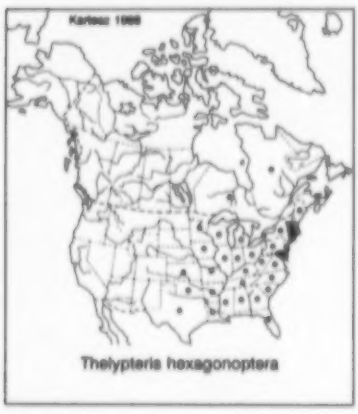
Thaspium barbinode

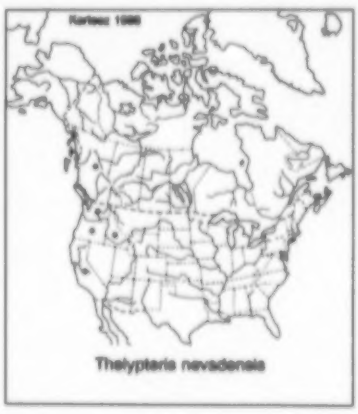

Thaspium trifoliatum

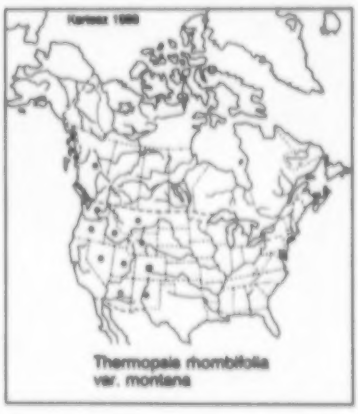

Thelesperma subnudum
var. marginatum

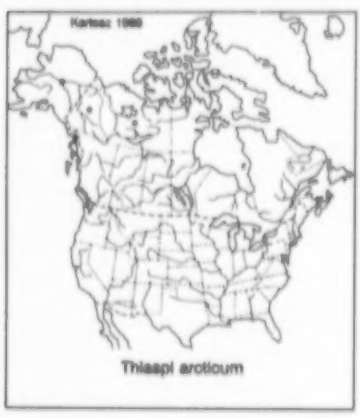

Thelypodium laciniatum

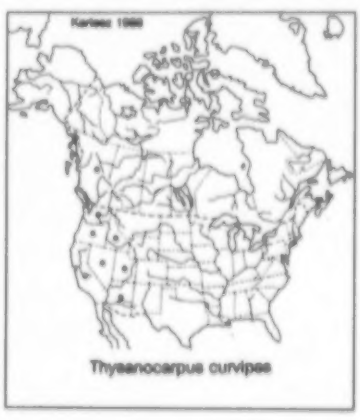

Thelypodium milleflorum

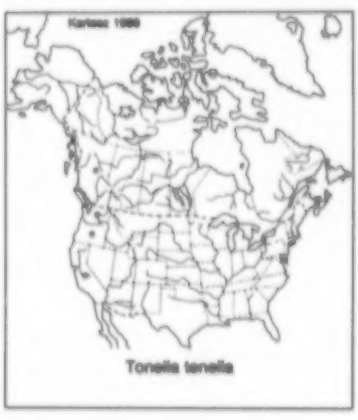

Thelypteris hexagonoptera

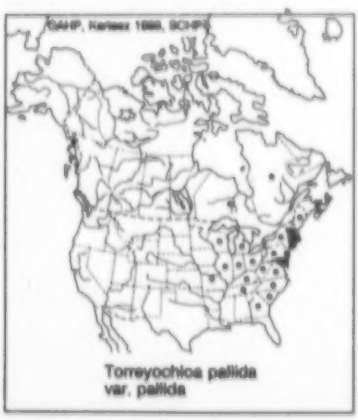

Thelypteris nevadensis

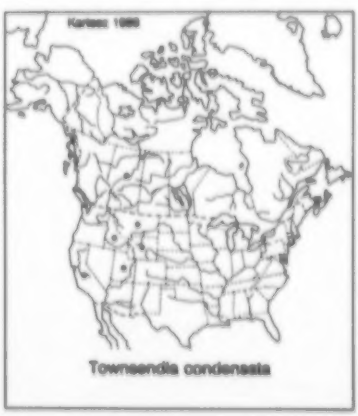

Thermopsis rhombifolia
var. montana

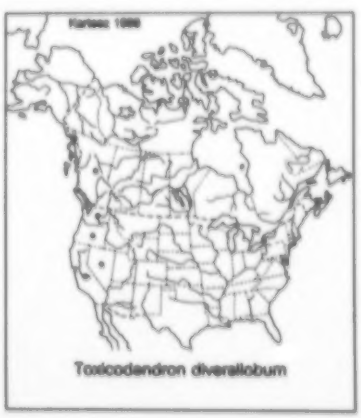

Thlaspi arcticum

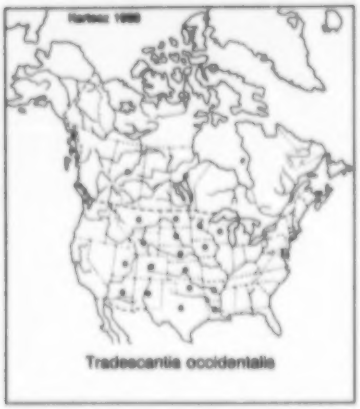

Thysanocarpus curvipes


Tonella tenella

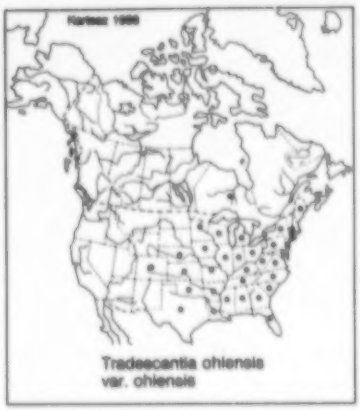

Torreyochloa pallida
var. pallida


Townsendia condensata

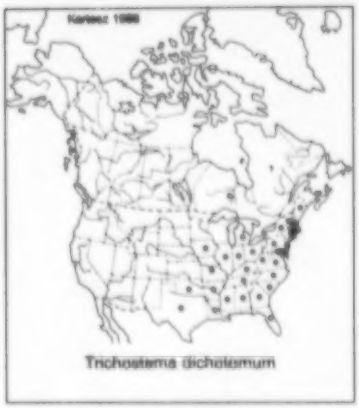

Toxicodendron diversilobum



Tradescantia occidentalis

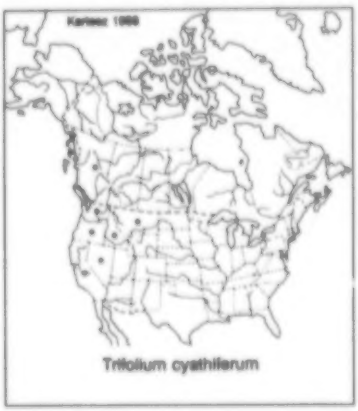


Tradescantia ohiensis
var. ohiensis

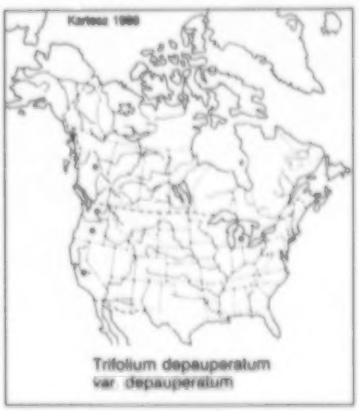


Trichostema dichotomum

Trifolium bifidum



Trifolium cyathiferum



Trifolium depauperatum
var. depauperatum

Trifolium macraei

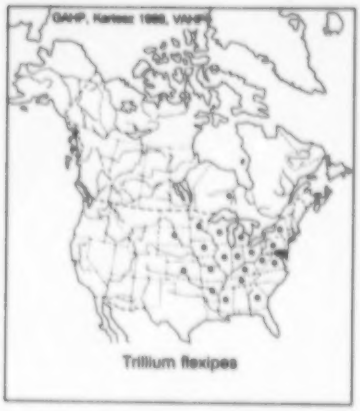
Trifolium oliganthum

Trifolium variegatum

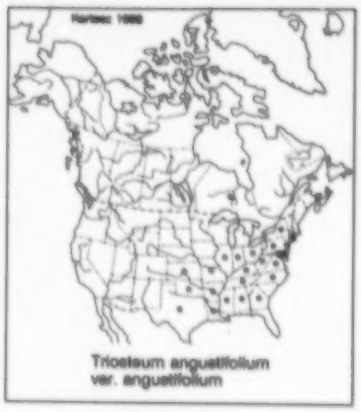
Trifolium wildenowii

Triglochin concinnum
var. concinnum

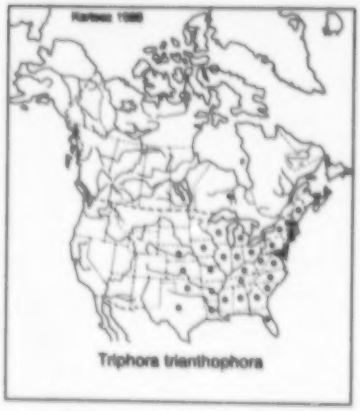
Triglochin gaspense



Trillium flexipes



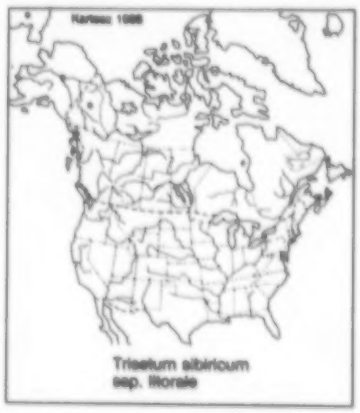
Triosteum angustifolium
var. angustifolium



Triphora trianthophora

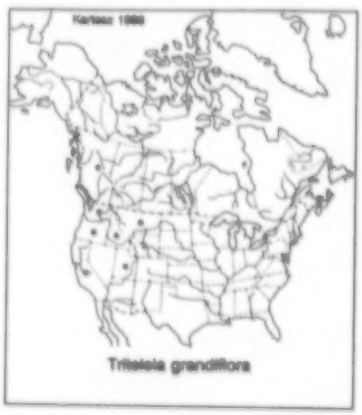
Tripterocalyx micranthus

Trisetum montanum

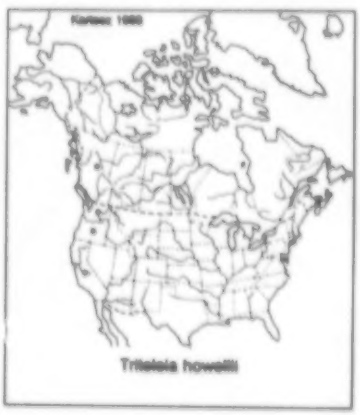


Trisetum sibiricum
ssp. litorale

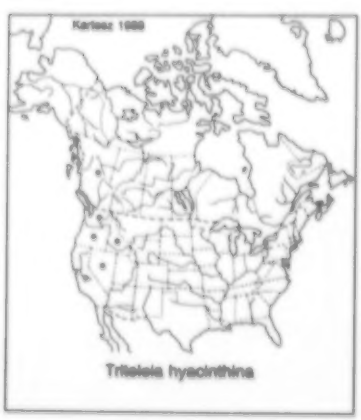
Trisetum wolfii



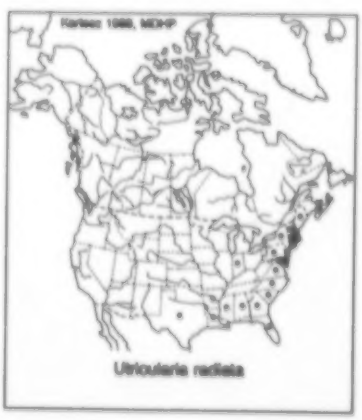
Triteleia grandiflora



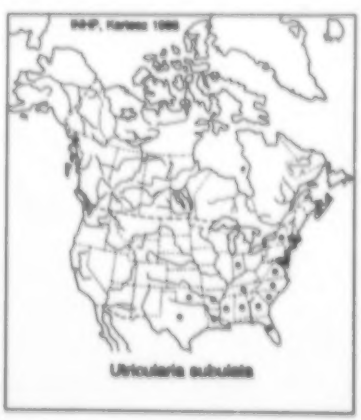
Triteleia howellii



Triteleia hyacinthina

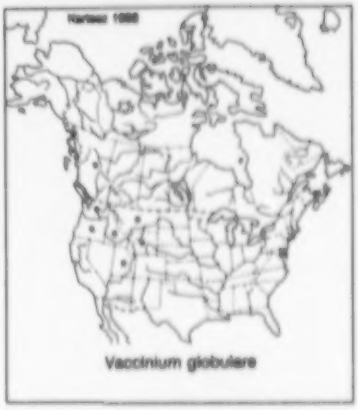


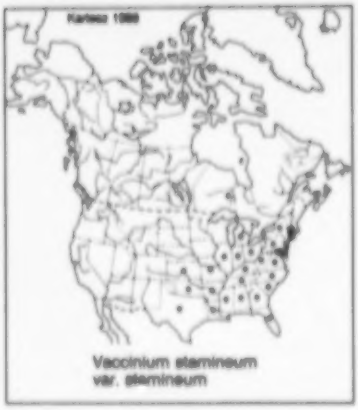
Utricularia radiata

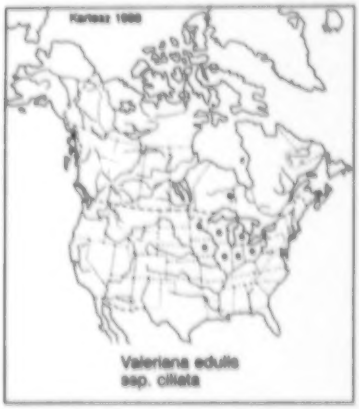


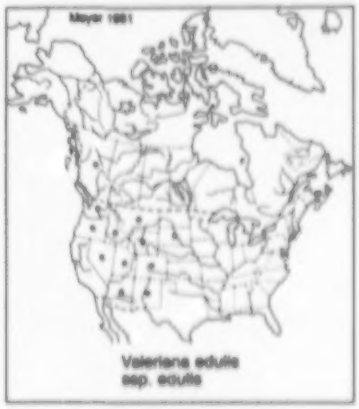
Utricularia subulata

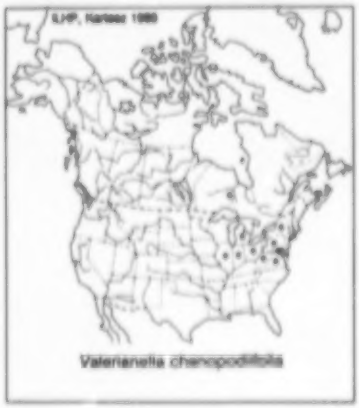
Uvularia perfoliata

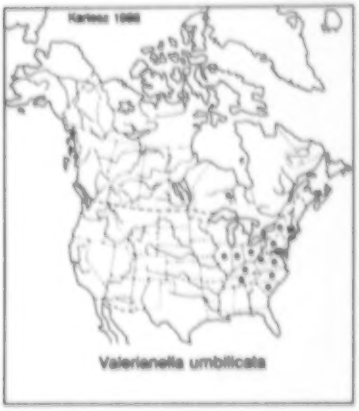

Vaccinium globulare

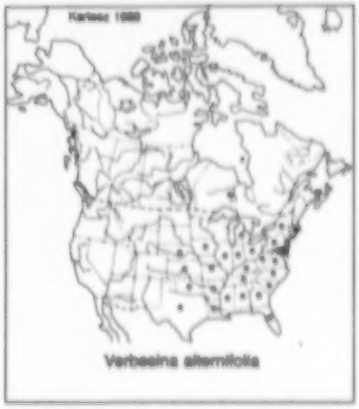

Vaccinium stamineum
var. stamineum

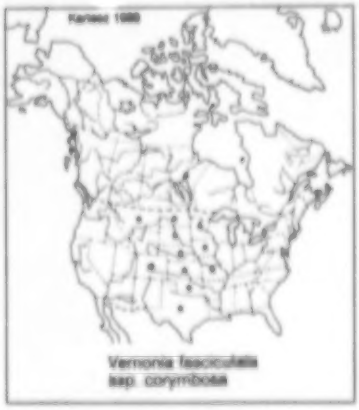

Valeriana edulis
ssp. ciliata


Valeriana edulis
ssp. edulis

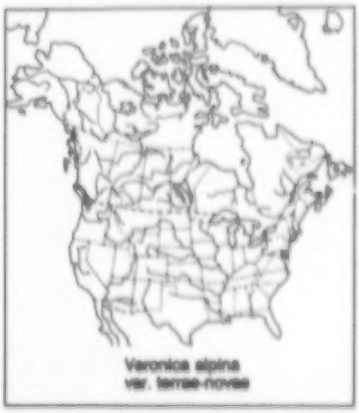

Valerianella chenopodiifolia

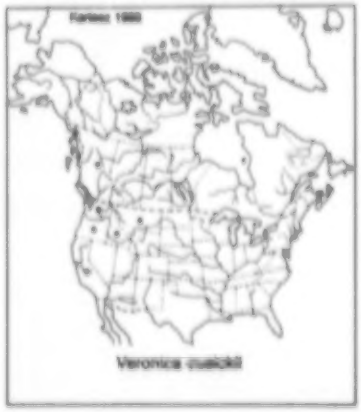

Valerianella umbilicata

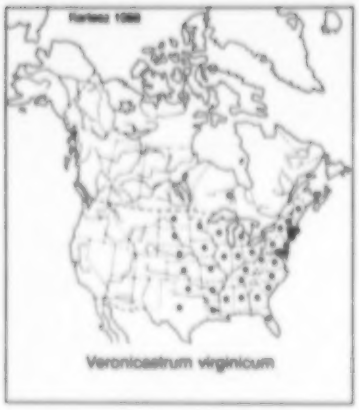

Verbesina alternifolia


Vernonia fasciculata
ssp. corymbosa

Vernonia gigantea


Veronica alpina
var. terrae-novae


Veronica cusickii



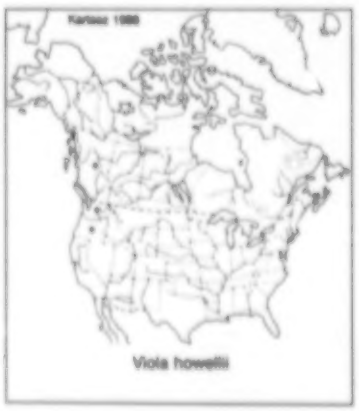
Veronicastrum virginicum

Viburnum recognitum

Viola caroliniana

Viola biflora
ssp. biflora

Viola biflora
ssp. carlottae



Viola howellii

Viola maccabeana

Viola palmata

Viola pedata

Viola praemorsa
ssp. linguaefolia

Viola praemorsa
ssp. praemorsa

Viola rafinesquii

Viola rotundifolia

Viola striata

Virgulus sericeus

Vitis vulpina

Vulpia microstachys

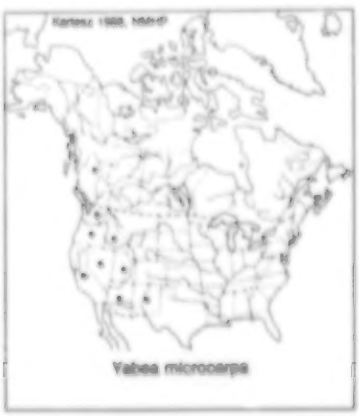
Woodsia alpina

Woodsia obtusa

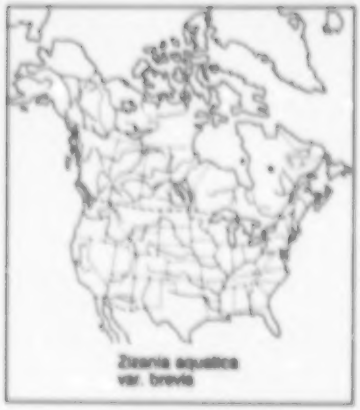
Woodwardia areolata

Woodwardia fimbriata

Xerophyllum tenax


Yabea microcarpa

Yucca glauca
var. glauca



Zizania aquatica
var. brevis